

# Karl Terzaghi Research Collection / Charles F. Ripley (collector)

Compiled by Christopher Hives (2003)

Revised by Erwin Wodarczak (2014)

University of British Columbia Archives



a place of mind  
THE UNIVERSITY OF BRITISH COLUMBIA



# Table of Contents

- **Collection Description**
  - Title / Dates of Creation / Physical Description
  - Biographical Sketch
  - Scope and Content
  - Notes
  
- **Series Descriptions**
  - Karl Terzaghi Biographical Materials series
  - Karl Terzaghi Publications series
  - Karl Terzaghi Professional Reports series
  - Ralph B. Peck Publications Series
  - J.D. Mollard Publications Series
  
- **File List**
  
- **Catalogue entry** (UBC Library catalogue)

# Collection Description

**Karl Terzaghi Research Collection / Charles F. Ripley (collector).** – 1912 -1997.

1.37 m of textual records.

10 photographs.

1 audio recording.

## Biographical Sketch

Charles F. Ripley was a former student and colleague of Karl Terzaghi (1883-1963), considered the "father of Soil Mechanics", now known as Geotechnical Engineering.

A native of Prague, Karl Terzaghi graduated from the Technical University of Graz and then worked as a geologist in the field of civil engineering. Following World War I he carried out a program of research into the properties of soils that led to the publication in 1925 of his famous book, *Erdbaumechanik* which presented the first co-ordinated picture of soils as engineering materials. This work was done while he was on the staff of the Imperial School of Engineers, and then of Robert College, both in Istanbul, Turkey. He was appointed a visiting professor at the Massachusetts Institute of Technology in 1925 but four years later returned to a specially created professorship at the Technical University of Vienna. In 1938 Terzaghi returned to the United States accepting a position at Harvard University from which he retired in 1955.

Terzaghi's pioneer work was publicly recognized when the first International Conference on Soil Mechanics was held at Harvard University in 1936. He lived to see soil mechanics well established throughout the world, in the practice of civil engineering and in the curricula of almost all schools of civil engineering. More than just a theorist, Terzaghi was also a consulting engineer of international reputation and with a world-wide practice. Terzaghi served as consultant on a number of significant projects in British Columbia including the Mission Dam that was renamed the Terzaghi Dam in his honour in 1965.

## Scope and Content

Gathered by Charles F. Ripley, this research collection includes three series relating to Terzaghi including; biographical materials, publications and professional reports. The reports series includes information about the British Columbia projects with which Terzaghi was involved. The collection also includes copies of publications by Ralph B. Peck and J.D. Mollard.

## Notes

File list available.

The bulk of the collection was transferred from the UBC Library Science and Engineering Division to the University Archives in July 2003. File 9-1 was transferred in Spetempber 2014.

## Series Descriptions

**Karl Terzaghi Biographical Materials series.** – 1912-1997.

13 cm of textual records.

10 photographs.

1 audio recording.

Series includes copies of articles, tributes and papers about Terzaghi, copies of some incoming and outgoing correspondence by/with/about Terzaghi, copies of essays and talks by Terzaghi, photographs and an audio recording about Terzaghi.

**Karl Terzaghi Publications series.** – 1907-1964.

48 cm of textual records.

Series consists of copies of articles, reviews and discussions by Terzaghi (1907-1964).

**Karl Terzaghi Professional Reports series.** – 1929-1962.

22 cm of textual records.

Series consists of copies of professional reports prepared by Karl Terzaghi (1929-1962).

**Ralph B. Peck Publications series.** – 1936-1997.

35 cm of textual records.

Series consists of copies of publications by engineer Ralph B. Peck (1936-1997).

**J.D. Mollard Publications series.** – 1946-1996.

13 cm of textual records.

Series consists of copies of articles by engineer J.D. Mollard (1946-1996).

# File List

BOX 1

## KARL TERZAGHI BIOGRAPHICAL MATERIALS SERIES

- 1-1 Typescript and off-print of Charles F. Ripley "Karl Terzaghi and British Columbia" *Geotechnical News* (1997), pp. 46-53.
- 1-2 Photocopy of Ruth D. Terzaghi, "Karl Terzaghi, 1883-1963" *Journal Boston Society of Civil Engineers* (July 1964), pp. 289-291.
- 1-3 Photocopy of "Karl Terzaghi's Last Writings on Soils" *Engineering News-Record* (November 21, 1963), pp 39-40. Tributes and Papers about KT
- 1-4 Dedication: "Karl Terzaghi and the Boston Society of Civil Engineers" from "Contributions to Soil Mechanics, 1954-1962" Boston Society of Civil Engineers, 1965  
Press release #100, Div. Bldg. Research, Nat. Research Council, Ottawa (November 1963) : "Death of Karl Terzaghi".  
Photocopy of announcement of "Terzaghi Memorial Lectures" seminar at Bogazici University, Istanbul, Turkey, August 14-16, 1973. "Terzaghi Stamp" *ISSMFE News* (Jan-Mar. 1984)  
R.F. Leggett, "There are Two Terzaghi Dams" *Geotechnical News*, Vol. 2 No.1 (March 1984), pp. 4-5  
Photocopy of comments by C.F. Ripley at Terzaghi Memorial Luncheon, VII Pan. Am. S.M.& F.E. Conference, Vancouver, BC (21 June 1983).  
Photocopy of program from Terzaghi Memorial Luncheon, VII Pan. Am. S.M.& F.E. Conference, Vancouver, BC (21 June 1983).
- 1-5 Photocopy of Arthur Casagrande, "Karl Terzaghi, 1883-1963" *Harvard Engineers and Scientists Bulletin* Vol. 145 No. 1 (March 1964), pp. 3-9  
Photocopy of R.F. Leggett, "Karl Terzaghi, 1883-1963" *Canadian Geotechnical Journal* Vol. 1 No.2 (March 1964), pp 122-124.  
Photocopy of "Soils Expert Karl Terzaghi Dies" *Engineering News-Record* (31 October 1963).  
Photocopy of "The Terzaghi Contribution" ; Editorial ; *Engineering News-Record* (21 November 1963)

- 1-6 "Terzaghi Memorial Session" 6th International Conference on Soil Mechanics, Montreal, September 8, 1965. Tributes by: R.F. Leggett, J. Lynch Staunton, R.G. Ballard, A.Casagrande, R.B. Peck, L. Bjerrum, H. Taylor, Ruth D, Terzaghi, A.W. Skempton  
 "Terzaghi Library Memoirs" Norwegian Geotechnical Institute, Oslo (1971).  
 "New Honors for Terzaghi" *Engineering News-Record* (23 September 1965).  
 R.B. Peck, "ASCE Honorary Member Karl Terzaghi is Dead" [Letter to editor](March 1964).  
 F.E. Schmidt, "Lessons in Soil Mechanics" *Engineering News-Record* (22 December 1960)  
 "Moles Cite Terzaghi and Ferris" *Engineering News-Record* (1 February 1962).  
 "Terzaghi and the Moles" *Engineering News-Record* (8 Febraury 1962).
- 1-7 Typescript of Reint de Boer, Robert L. Shiffman, Robert E. Gibson "An Incident in the History of Soil Mechanics" (November 7, 1994).
- 1-8 Herbert H. Einstein, "Observation, Quantification, and Judgement: Terzaghi and Engineering Geology" *ASCE Journal of Geotechnical Engineering* Vol. 117 No. 11 (November 1991).  
 Ruth D. Terzaghi and Barry Voight, "Karl Terzaghi on Rockslides: The Perspective of a Half-Century" *Rockslides and Avalanches 2* (1979), pp. 111-133.  
 Henry Petroski, "Soil Mechanics" *American Scientist* Vol. 84 (September-October 1996, pp. 428-432.
- 1-9 S.S. Tezcan and A.S. Yalcin (eds), *Proceedings of the Terzaghi Memorial Lectures*"
- 1-10 Karl Terzaghi Correspondence  
 Copy of outgoing letter from KT to A. Casagrande (January 7, 1930)  
 Copy of outgoing letter from KT to A.J. Ackerman (December 8, 1952)  
 Copy of outgoing letter from KT to S. Merler (March 4, 1952)  
 Copy of outgoing letter from KT to C.O. Swanson (October 17, 1952)  
 Copy of outgoing letter from KT to C.F. Ripley (January 7, 1953)  
 Copy of outgoing letter from KT to Charles F. Ripley (December 5, 1957)  
 Copy of outgoing letter from KT to Andre Coyne (December 14, 1959)  
 Copy of outgoing letter "In the event of my death" (October 2, 1961)  
 Extract of letter from KT to E. Lazenby (April 21, 1962)

- 1-11 Correspondence re: Karl Terzaghi  
Copy of outgoing letter from Ruth D. Terzaghi to Charles F. Ripley (January 6, 1947)  
Copy of outgoing letter from Ruth D. Terzaghi to Dorothy Ripley (March 14, 1963)  
Copy of outgoing letter from Arthur Casagrande to Ralph B. Peck (October 25, 1963)  
Copy of outgoing letter from Charles F. Ripley to Herbert H. Einstein (January 2, 1992)  
Copy of outgoing letter from Charles F. Ripley to Ruth Terzaghi (January 2, 1992)
- 1-12 Typescript of testimony by KT at hearing into the Whatshan Power Station landslide (December 1953)
- 1-13 "Observations concerning Deas Island Tunnel made During Trip with Dr. K. Terzaghi and Mr. N.D. Lea" – Notes by C.F. Ripley (195-)

#### Essays/Talks by KT

- 1-14 "Das hochwasser des Mississippi" (1912)
- 1-15 "Uber den grossen cumpel" (1912)
- 1-16 "L'ecole Imperiale d'Ingenieurs" (1917)
- 1-17 "Auch ein Kriegsschauplatz" (n.d.)
- 1-18 "Dynamit" (n.d.)
- 1-19 "Zurturkisch-asiatischen Bewässerungsfrage" (n.d.)
- 1-20 "Vagabunden" 2 pp. typescript (n.d.)
- 1-21 "Sonntogsgagedanken" 4 pp. typescript (n.d.)
- 1-22 "The Way to Happiness" (March 10, 1924)
- 1-23 "Engineering Education - Recollections and Outlook" (n.d.)



- 1-24 "Geology of the Bosphorus" - Lecture at Robert College Assembly (May 1924)
- 1-25 "Near East Recollections" - Lecture delivered to the Twentieth Century Club (October 22, 1925)
- 1-26 "Sarah Bernhardt" [German] (n.d.)
- 1-27 "Ein Tag in der Brüsseler Weltausstellung" (n.d.)
- 1-28 Classroom notes taken by Walter R. Ferris in Karl Terzaghi's Engineering 266 : Applied Soil Mechanics at Harvard University (1955)

#### Photographs

- 71.1/1 Karl Terzaghi at glacier terminus near Stewart, B.C. (August 7, 1956)
- 71.1/2 Group of people including Karl Terzaghi near Stewart, B.C. (August 6, 1956)
- 71.1/3 Group photo including Karl Terzaghi and C. Ripley near Stewart, B.C. (August 5, 1956)
- 71.1/4 Karl Terzaghi, guide and C.F. Ripley near Stewart, B.C. (August 7, 1956)
- 71.1/5 H. Ripley, C. Ripley and Karl Terzaghi in Prince Rupert, B.C. (August 8, 1956)
- 71.1/6 Group photo including Karl Terzaghi and C.F. Ripley (195-)
- 71.1/7 Karl Terzaghi traversing coarse talus slope at Rubble Creek near Daisy Lake (ca. 1958)
- 71.1/8 Karl Terzaghi and A. Ackerman at Terzaghi Dam near Lillooet, B.C. (n.d.)
- 71.1/9 Laser photocopy of photo of Karl Terzaghi and T. Middlebrooks at International Conference of Soil Mechanics and Foundation Engineers in Rotterdam (1948)
- 71.1/10 Laser photocopy of photo of Karl Terzaghi in group at International Conference of Soil Mechanics and Foundation Engineers in Rotterdam (1948)
- 71.1/11 Terzaghi Library at Norwegian Technical Institute (June 1968) [slides]

## Audio Recording

AT 2663 R.B. Peck, "Tales of Terzaghi" Victoria, BC (October 16, 1997).

## BOX 2

### KARL TERZAGHI PUBLICATIONS SERIES

Information for the entries below is based on "Bibliography" by Margareth Grini and Guri Rollum in *From Theory to Practice* (ed.) L. Bjerrun, A. Casagrande, R.B. Peck and A.W. Skempton (1960). Publications are listed chronologically by years and the bracketed numbers are those assigned in the bibliography.

- 2-1       Copies of annotated bibliography of Terzaghi's works
  
- 2-2       1907
- (2)       Geologie der Umgebung von Flamborg im Sausal. Naturwissenschaftlichen Vereines für Steiermark. *Mitteilungen*, pp. 131-146.
  
- 2-3       1908
- (3)       Bau der ersten österreichischen Glanzstoff-Fabrik in St. Polten. *Beton and Eisen*, Vol. 7, No. 4, pp. 98-100.
- (4)       Bestimmung des Druckes auf die Wand eines Silotrichters. Zuschriften an die chifftleitung. *Beton and Eisen*, Vol. 7, No. 8, 14, pp. 326-327, 350.
- (5)       Silo der Gipswerke in Egeres, Siebenburgen. *Beton and Eisen*, Vol. 7, No. 3, pp. 57-59.
  
- 2-4       1911
- (6)       Bemerkungen zur Tektonik der Umgebung von Buccari. Foldtani kozlony (*Ungarische geologische Gesellschaft. Zeitschrift, Geologische Mitteilungen*), Vol. 41, pp. 684-695.
  
- 2-5       1912
- (7)       Der Dambruch am Mississippi. *Die Umschau*, Vol. 16, No. 35, pp. 735-738.
  
- 2-6       1914
- (10)      Der Eisenbeton beim Bau der staatlichen Bewässerungsanlagen im westlichen Nordamerika. *Armierter Beton*, Vol. 7, pp. 377-386.

- (11) Der Eisenbeton beim Bau der Wasserleitung von Los Angeles. *Armierter Beton*, Vol. 7, pp. 255-261.
- 2-7 1915
- (12) Verwendung von Sandzement and die Bestimmung der Betonmischung auf Nordamerikanischen Baustellen. *Armierter Beton*, Vol. 8, pp. 11-15.
- 2-8 1917
- (14) Die Unzulänglichkeiten veröffentlichter Baubeschreibungen. *Osterreichischer Zngenieur- and ArchitektenVerein. Zeitschrift*, Vol. 69, No. 21, pp. 325-328.
- 2-9 1918
- (15) Das technische Unterrichtswesen in der Türkei. *Osterreichische Monatsschrift für den Orient*, Nos. 1-3, pp. 34-59.
- 2-10 1920
- (17) New facts about surface friction. *Physical Review*, Vol. 16, No. 1, pp. 54-61.
- (18) Old earth-pressure theories and new test results. *Engineering News-Record*, Vol. 85, No. 14, pp. 632-637. 1921.
- 2-11 1921
- (19) Foundation problems and laboratory research. *Engineering News-Record*, Vol. 87, No. 2, pp. 77-78.
- (20) Die physikalischen Grundlagen des technisch-geologischen Gutachtens. *Osterreichischer Ingenieur- and Architekten-Verein. Zeitschrift*, Vol. 73, No. 36/37, pp. 237-241.
- 2-12 1922
- (22) Der Grundbruch an Stauwerken and seine Verhütung. *Die Wasserkraft*, Vol. 17, No. 24, pp. 445-449. [Includes English translation : Piping in Dams and Its Prevention;]
- 2-13 1923
- (23) Die Berechnung der Durchlässigkeitsziffer des Tones aus dem Verlauf der hydrodynamischen Spannungserscheinungen. *Akademie der Wissenschaften in Wien. Sitzungsberichte. Mathematisch-naturwissenschaftliche Klasse. Part 11 a*, Vol. 132, No. 3/4, pp. 125-138. [English typescript translation only : Calculation of the Coefficient of Clay from the Course of the Observed Hydrodynamic Stress Phenomena]

- (24) Die Beziehungen zwischen Elastizität und Innendruck. *Akademie der Wissenschaften in Wien. Sitzungsberichte. Mathematisch-naturwissenschaftliche Klasse. Part II a, Vol. 132, No. 3/4*, pp. 105-124.
- (25) Discussion on: J. Feld, Lateral earth pressure; the accurate experimental determination of the lateral earth pressure, together with a resume of previous experiments. American Society of Civil Engineers. *Transactions*, Vol. 86, pp. 1525-1543.
- 2-14 1924
- (26) Die Theorie der hydrodynamischen Spannungerscheinungen and ihr erdbautechnisches Anwendungsgebiet. International Congress for Applied Mechanics, 1. Delft. *Proceedings*, pp. 288-294.
- (27) Versuche fiber die Viskositat des Wassers in sehr engen Durchgangsquerschnitten. *Zeitschrift fur angewandte Mathematik un.d Mechanck*, Vol. 4, pp. 107-113. *Physikalische Berichte*, Vol. 6, 1925, pp. 1353-1354.
- 2-15 1925
- (28) *Erdbaumechanik auf bodenphysikalischer Grundlage*. Vienna, Deuticke. 399 pp. [Title page and table of contents only].
- (29) Modern conceptions concerning foundation engineering. Boston Society of Civil Engineers. *Journal*, Vol. 12, No. 10, pp. 397-439. Boston Society of Civil Engineers.  
Contributions to soil mechanics 1925-1940. Boston 1940, pp. 1-43. (Clemens Herschel Prize.)
- (30) Principles of soil mechanics. *Engineering News-Record*, Vol. 95, Nos. 19-23, 25-27, pp. 742-746, 796-800, 832-836, 874-878, 912-915, 987-990, 1026-1029, 1064-1068. Also published in book form : New York, McGraw-Hill, 1926. 98 pp.
- (31) Zur Charakteristik der Bausande. *Osterreichischer Ingenieur- and Architekten-Verein. Zeitschrift*, Vol. 77, No. 33/34, pp. 292-294.
- 2-16 1926
- (32) The mechanics of adsorption and of the swelling of gels. *In National Symposium on Colloid Chemistry, 4*. Cambridge, Mass. Colloid symposium monograph. New York, Chemical Catalog Co., Inc., pp. 58-78.
- (33) Paper on the methods and possibilities of road-soil investigations. Highway Research Board, Washington, D. C. *Proceedings*, Vol. 6, pp. 394-408. Massachusetts Institute of Technology, Cambridge, Mass. Publication, Vol. 63, No. 32, 1927.

- (34) Simplified soil tests for subgrades and their physical significance. *Public Roads*, Vol. 7, No. 8, pp. 153-162, 170.  
Massachusetts Institute of Technology. Department of Civil and Sanitary Engineering. Serial 2.
- 2-17 1927
- (35) Concrete roads-a problem in foundation engineering. Boston Society of Civil Engineers. *Journal*, Vol. 14, No. 5, pp. 265-282.  
Massachusetts Institute of Technology, Cambridge, Mass. *Publication*, Vol. 63, No. 7.  
Boston Society of Civil Engineers. Contributions to soil mechanics 1925-1940. Boston 1940, pp. 45-62. (Fitzgerald Medal.)
- (36) Determination of consistency of soils by means of penetration tests. *Public Roads*, Vol. 7, No. 12, pp. 240-247.  
Massachusetts Institute of Technology. Department of Civil and Sanitary Engineering. Serial, 7.
- (37) Dirt experts discuss subgrade problems. *Roads and Streets*, Vol. 67, pp. 384-388.
- (38) The first international soil congress and its message to the highway engineer. *Public Roads*, Vol. 8, No. 5, pp. 89-94.
- (39) Principles of final soil classification. *Public Roads*, Vol. 8, No. 3, pp. 41-53.  
Massachusetts Institute of Technology. Department of Civil and Sanitary Engineering. Serial, 6.
- (40) The science of foundations-its present and future. American Society of Civil Engineers. *Proceedings*, Vol. 53, pp. 2263--2294, Vol. 55, 1929, pp. 83-97.  
American Society of Civil Engineers. *Transactions*, Vol. 93, 1929, pp. 270-405. (Norman Medal).
- (41) Wellpoint method for handling excavation of foundation pit at new sewage pumping station, Lynn, Mass. Boston Society of Civil Engineers. *Journal*, Vol. 14, No. 7, pp. 389-397.  
Boston Society of Civil Engineers. Contributions to soil mechanics 1925-1940. Boston 1940, pp. 63-71.
- 2-18 1928
- (42) Bearing capacity of soil; a restatement of the basis for rules as to bearing capacity of cohesionless and cohesive materials. *Engineering News-Record*, Vol. 100, No. 16, pp. 629-630.
- (43) Discussion on: J. Hinds, Upward pressures under dams; experiments by the United States Bureau of Reclamation. American Society of Civil Engineers. *Proceedings*, Vol. 54, No. 6, pp. 1953-1957.

- American Society of Civil Engineers. *Transactions*, Vol. 93, 1929, pp. 1559-1563.
- (45) Discussion on: A. C. Rose, Foundations and drainage of highways. American Society of Civil Engineers. *Proceedings*, Vol. 54, No. 6, pp. 1909-1912.  
American Society of Civil Engineers. *Transactions*, Vol. 94, 1930, pp. 87-90.
- (46) Landslides in Central America. *The Technology Review*, Vol. 31, No. 1, pp. 12-16.
- (47) Present status of subgrade soil testing. By C. A. Hogentogler, and A. M. Wintermyer. *Public Roads*, Vol. 9, No. 1, pp. 1-8, 24.  
*Roads and Road Construction*, Vol. 8, No. 95, 1930, pp. 398-403.
- (49) Soil classification for foundation purposes. International Soil Congress, 1. Washington, D. C. *Proceedings*.
- (50) Soil study, frost action and colloids. *Engineering News-Record*, Vol. 100, No. 18, p. 708.
- (51) Zuschrift zum Aufsatz: 0. Stern, Moderne Betongrundbautechnik. *Der Bauingenieur*, Vol. 9, No. 41, p. 745. 1929.
- 2-19 1929
- (52) Compressibility and elasticity of artesian aquifers. *Economic Geology*, Vol. 24, No. 2, pp. 211-213.
- (53) Effect of minor geologic details on the safety of dams. American Institute of Mining and Metallurgical Engineers. *Technical Publication*, 215, pp. 31-44.
- (54) *Ingenieurgeologie*. By K. A. Redlich, \_\_\_\_\_ and R. Kampe. Vienna, Springer. 708 pp.
- (55) Interrelationship of load, road and subgrade. By C. A. Hogentogler and \_\_\_\_\_. *Public Roads*, Vol. 10, pp. 3764.
- (56) The mechanics of, shear failures on clay slopes and the creep of retaining walls. *Public Roads*, Vol. 10, No. 10, pp. 177-192.
- (57) The origin of artesian pressure. *Economic Geology*, Vol. 24, No. 1, pp. 94-99.
- (58) Settlement of buildings due to progressive consolidation of individual strata. *Journal of Mathematics and Physics*, Vol. 8, No. 4, pp. 266-292.  
Massachusetts Institute of Technology. Department of Civil and Sanitary Engineering. Serial, 17, 1930.
- (59) Soil studies for the Granville Dam at Westfield, Mass. New England Water Works Association. *Journal*, Vol. 43, No. 2, pp. 191-223.
- 2-20 1930
- (60) Earth pressure. (Report on Dr. Terzaghi's tests at M.I.T.) *Engineering*, Vol. 129, Nos. 3359, 3361, pp. 689-690, 753-754.

- (61) Festigkeitslehre plastischer Boden. *Centralblatt der Bauverwaltung*, Vol. 50, p. 739.
- (62) Load, road and subgrade. By C. A. Hogentogler and\_\_\_\_\_. *Good Roads*, Vol. 73, No. 8, pp. 298-299, 305-306.
- (63) Sickerverluste aus Kanalen. *Die Wasserwirtschaft*, Vol. 23, No. 18/19, pp. 318-330  
Supporting power of pile foundations [translation], June 23, 1930.
- 2-21 1931
- (66) Earth slips and subsidences from underground erosion. *Engineering News-Record*, Vol. 107, No. 3, pp. 90-92.
- (67) Festigkeitseigenschaften der Schüttungen, Sedimente and Gele. In *Handbuch der physikalischen and technischen Mechanik*. By F.Auerbach and W. Hort. Leipzig, Barth. Vol. 4, Part 2, pp. 513-578.
- (68) The influence of elasticity and permeability on the swelling of two phase systems. *Colloid Chemistry*, Vol. 3, pp. 65-88.
- (69) Promotion von Prof. Ing. Dr. Philipp Forchheimer zum Ehrendoktor der technischen Wissenschaften. *Osterreichischer Ingenieur-and Architekten-Verein. Zeitschrift*, No. 1/2, pp. 3-5.
- (70) Settlement analysis-the backbone of foundation research. World Engineering Congress, Tokyo 1929. *Proceedings*, Vol. 8, pp. 1-23.
- (71) The static rigidity of plastic clays. *Journal of Rheology*, Vol. 2, No. 3, pp. 253-262.

### BOX 3

- 3-1 1932
- (73) Bodenpressung and Bettungsziffer. *Osterreichische Bauzeitung*, No. 25, pp. 293-305. In *Festschrift zum 25-jährigen Bestand des Osterreichischen Betonvereines*. 12 pp.
- (74) (Forchheimer, Philipp) Zum 80. Geburtstage. *Forschungen and Fortschritte*, Vol. 8, No. 22, p. 288.
- (75) Probleme der Staudammfundierung. *Forschungen and Fortschritte*, Vol. 8, p. 322.
- (76) Record earth-pressure testing machine. *Engineering News-Record*, Vol. 109, No. 13, pp. 365-369.
- (77) Soil-loading test practice in Europe. *Engineering News-Record*, Vol. 109, No. 6, pp. 158-159.

- (78) Tragfähigkeit der Flachgrundungen. International Association for Bridge and Structural Engineering. Congress, 1. Paris. Preliminary publication, pp. 659-683, final publication, 1933, pp. 596-605.
- 3-2 1933
- (79) Auftrieb and Kapillardruck an betonierten Talsperren. *Die Wasserwirtschaft*, Vol. 26, pp. 397-399. International Congress on Large Dams, 1. Stockholm. *Proceedings*, Vol. 5, pp. 5-16.
- (80) Discussion on: Progress Report of Special Committee. Earths and foundations. American Society of Civil Engineers. *Proceedings*, Vol. 59, No. 8, pp. 1363-1372.
- (82) Die Oedometer-Beobachtung als Hilfsmittel zur Erforschung der Gelstruktur. *Kolloid-Zeitschrift*, Vol. 65, No. 2, pp. 129-148.
- (83) Die Priifung von Baumaterialen für gewalzte Erddämme. *Die Wasserwirtschaft*, Vol. 26, pp. 408-412, 438-433. International Congress on Large Dams, 1. Stockholm. *Proceedings*, Vol. 3, pp. 69-103.
- (84) Untersuchung der Eigenschaften von Boden hinsichtlich ihrer Eignung zur Herstellung von Erddämmen. International Congress on Large Dams, 1. Stockholm. *Proceedings*, Vol. 3, pp. 309-332.
- (85) Verbessertes Verfahren zur Setzungsbeobachtung. *Die Bautechnik*, Vol. 11, No. 41, pp. 579-582.
- (86) Verfahren zur Messung der Bewegungen betonierter Talsperren. *Die Wasserwirtschaft*, Vol. 26, p. 437. International Congress on Large Dams, 1. Stockholm. *Proceedings*, Vol. 2, pp. 311-319.
- 3-3 1934
- (87) Beanspruchung von Gewichtstau mauern durch das stromende Sickerwasser. *Die Bautechnik*, Vol. 12, No. 29, pp. 379-382.
- (88) Bestimmung der maximalen Flächenporosität des Betons. *Der Bauingenieur*, Vol. 15, p. 413.
- (89) Bodenuntersuchungen für Strassenbau zwecke. *Der Bauingenieur*, Vol. 15, No. 15/16, pp. 143-147.
- (90) Discussion on: H. de B. Parsons, Some soil pressure tests. American Society of Civil Engineers. *Proceedings*, Vol. 60, pp. 552-556. American Society of Civil Engineers. *Transactions*, Vol. 100, 1935, pp. 35-39.
- (91) Large retaining-wall tests. I-V. *Engineering News-Record*, Vol. 112, No. 5, 8, 10, 13, 16, 23, pp. 136-140, 259-262, 316-318, 403-406, 503-508, 747.



- (92) Retaining-wall design for Fifteen-Mile . Falls Dam. *Engineering News-Record*, Vol. 112, No. 20, pp. 632-636.
- (93) Side pressure on retaining walls. *Engineering News-Record*, Vol. 113, No. 2, p. 55.
- (94) Der Spannungszustand im Porenwasser trocknender Betonkörper. *Der Bauingenieur*, Vol. 15, No. 29/30, pp. 303-306.
- (95) Die Ursachen der Schiefstellung des Turmes von Pisa. *Der Bauingenieur*, Vol. 15, Nos. 1/2, 7/8, 11/12, pp. 1-4, 78, 112-113. [and typescript of English translation]
- (96) Verbesserte Schlauchwaage zur Setzungsbeobachtung. By and K. Langer. *Die Bautechnik*, Vol. 12, No. 23, pp. 291-292.
- (97) Die wirksame Flächenporosität des Betons. By \_\_\_\_\_ and L. Rendulie. *Osterreichischer Ingenieur- and Architekten-Verein. Zeitschrift*, Vol. 86, Nos. 1/2, 5-8, pp. 1-9, 30-32, 44-45.
- (98) Zur statischen Berechnung der Gewichtstau mauern. *Die Bautechnik*, Vol. 12, No. 45, pp. 589-592, Vol. 13, No. 4, 1935, p. 56.
- 3-4 1935
- (99) The actual factor of safety in foundations. *The Structural Engineer*, Vol. 13, new series, No. 3, pp. 126-160.
- (100) Discussion on: L. F. Harza, Uplift and seepage under dams on sand. American Society of Civil Engineers. *Proceedings*, Vol. 61, pp. 115-122. American Society of Civil Engineers. *Transactions*, Vol. 100, pp. 1391-1395.
- (101) Discussion on: J. P. R. N. Stroyer, Earth pressure on flexible walls. Institution of Civil Engineers. *Journal*, Vol. 1, 1935/36, pp. 552-557.
- (102) Fünfzehn Jahre Baugrundforschung. *Der Bauingenieur*, Vol. 16, No. 3/4, pp. 25-31.
- (104) Die Setzung der Fundierungen and ihre Wirkung auf den Oberbau. *De Ingenieur*, Nos. 50, 51, pp. 239-258, 263-281.
- (105) Zum Aufsatz: O. K. Frohlich, Druckverteilung in der Silozelle and im Baugrund. *Beton and Eisen*, Vol. 34, No. 1, pp. 18-19.
- 3-5 1936
- (107) Closing address. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 3, pp. 22-23.
- (108) Critical height and factor of safety of slopes against sliding. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 1, pp. 156-161.

- (109) Discussion on: Earth pressure against retaining walls, excavation sheeting, tunnel linings, etc. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 3, pp. 152-155.
- (112) Discussion on: Proposed new Boston building code. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 3, pp. 240-242.
- (113) Discussion on: Settlement of structures. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 3, pp. 79-87.
- (114) Discussion on: Settlement of structures in Shanghai, China. International Conference on Oil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 3, pp. 92-96.
- (115) Discussion on; The movements of the piers of the Mississippi River Bridge. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 3, pp. 96-98.
- (116) Discussion on: The movements within foundation pits during construction. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 3, p. 230.
- (117) Distribution of the lateral pressure of sand on the timbering of cuts. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 1, pp. 211-215.
- (118) Effect of the type of drainage of retaining walls on the earth pressure. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 1, pp. 215-218.
- (119) Failure of bridge piers due to scour. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 2, p. 264, Vol. 3, p. 238.
- (120) A fundamental fallacy in earth pressure computations. Boston Society of Civil Engineers. *Journal*, Vol. 23, pp. 71-88.  
International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 1, pp. 328-336.  
Boston Society of Civil Engineers. Contributions to soil mechanics 1925-1940. Boston 1940, pp. 277-294.  
Harvard soil mechanics series, 3. Abstract entitled: Arching in sands. *Engineering News-Record*, Vol. 116, No. 20, pp. 690-693.
- (121) My toughest foundation job. *New England Construction*, July, p. 16.
- (122) Relation between soil mechanics and foundation engineering; presidential address. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 3, pp. 13-18.

- (123) The shearing resistance of saturated soils and the angle between the planes of shear. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 1, pp. 54-56.
- (124) Simple tests determine hydrostatic uplift. *Engineering News-Record*, Vol. 116, No. 25, pp. 872-875.  
International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 2, appendix, paper Z 20.
- (125) Stability of slopes of natural clay. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 1, pp. 161-165.
- (126) Stress distribution in dry and in saturated sand above a yielding trap-door. International Conference on Soil Mechanics and Foundation Engineering, 1. Cambridge, Mass. *Proceedings*, Vol. 1, pp. 307-311.
- (127) Theorie der Setzung von Tonschichten; eine Einfiihrung in die analytische Tonmechanik. By and O. K. Frohlich. Leipzig, Deuticke. 166 pp. [For French translation see: No. 144].
- 3-6 1937
- (129) Compte rendu de la conference faite par le 7. octobre 1937 aux Laboratoires du batiment et des travaux publics. Institut technique du batiment et des travaux publics. *Annales*, Vol. 3, No. 1, pp. 25-34.
- (130) *Erdbaumechanik and Baupraxis; eine Klarstellung*. By and O.K. Frohlich. Leipzig, Deuticke. 33 pp.
- (131) Kjellman soil-testing machine. *Engineering*, Vol. 143, No. 3703, pp. 10-11.
- (132) Settlement of structures in Europe and methods of observations. American Society of Civil Engineers. *Proceedings*, Vol. 63, pp. 1358-1374.  
American Society of Civil Engineers. *Transactions*, Vol. 103, 1938, pp. 1432-1448.
- (133) Wie setzen sich unsere Bauwerke? *Osterreichischer Betonverein. Monatsnachrichten*, Vol. 4, February, pp. 164-177.
- 3-7 1938
- (135) Einfluss des Porenwasserdruckes auf den Scherwiderstand der Tone. *Deutsche Wasserwirtschaft*, Vol. 33, pp. 201-205, 227-231.
- (138) Promotion von Exz. Dr. Ing. h. c. Dr. Herbert Hoover zum Ehrendoktor der Technischen Hochschule in Wien. *OsterreichischerIngenieur- and Architekten-Verein. Zeitschrift*, Vol. 90, No. 11/12, pp. 74-76.

- 3-8 1939
- (140) Effect of excavation on the settlement of buildings. *Civil Engineering and Public Works Review*, Vol. 34, pp. 370-371.
- (141) General wedge theory of earth pressure. American Society of Civil Engineers. *Proceedings*, Vol. 65, pp. 1327-1339, 1511-1518.  
American Society of Civil Engineers. *Transactions*, Vol. 106, 1941, pp. 68-97.  
Harvard soil mechanics series, 15. (Norman Medal)
- (142) Soil mechanics. *Engineering*, Vol. 147, No. 3826, pp. 566-569. Abridgement of No. 143.
- (143) Soil mechanics-a new chapter in engineering science. Institution of Civil Engineers. *Journal*, Vol. 12, No. 7, pp. 106-142. Harvard soil mechanics series, 6.  
Abstract in Engineer, Vol. 167, No. 4347, pp. 555-556.
- (144) *Theorie du tassement des couches argileuses*. By O. K. Frohlich. Paris, Dunod. 226 pp. For original text see: No. 127.
- 3-9 1940
- (145) Anchored bulkheads. Purdue Conference on Soil Mechanics and its Applications, Lafayette, Indiana. *Proceedings*, pp. 259-269.  
Texas Conference on Soil Mechanics and Foundation Engineering, 3. Austin. *Proceedings*. 19 pp.
- (146) Discussion on: S. J. Needs, Boundary film investigations. American Society of Mechanical Engineers. *Transactions*, Vol. 62, No. 4, pp. 343-345.
- (147) Earth pressure of sand on walls. Purdue Conference on Soil Mechanics and its Applications, Lafayette, Indiana. *Proceedings*. pp. 240-269.
- (148) Limitations and objectives of course in soil mechanics. Purdue Conference on Soil Mechanics and its Applications, Lafayette, Indiana. *Proceedings*. pp. 1-9.
- (149) Sampling, testing and averaging. Purdue Conference on Soil Mechanics and its Applications, Lafayette, Indiana. *Proceedings*, pp. 151-160. Texas conference on Soil Mechanics and Foundation Engineering, 3. Austin. *Proceedings*. 21 pp.
- (150) Slides in nonhomogeneous or fissured deposits. Texas Conference on Soil Mechanics and Foundation Engineering, 3. Austin. *Proceedings*. 4 pp.
- 3-10 1941
- (151) Design of pile foundations. Texas Conference on Soil Mechanics and Foundation Engineering, 4. Austin. *Proceedings*, Vol. 1. 7 pp.
- (152) The early antecedents of soil mechanics. Discussion on F. M. Baron, The study of earths -- an American tradition. *Civil Engineering*, Vol. 11, No. 10, p. 614.

- (153) Settlement of pile foundations due to secondary compression. Texas Conference on Soil Mechanics and Foundation Engineering, 4. Austin. *Proceedings*, Vol. 1. 6 pp.
- (154) Undisturbed clay samples and undisturbed clays. Boston Society of Civil Engineers. *Journal*, Vol. 28, No. 3, pp. 211-231.  
Boston Society of Civil Engineers. Contributions to soil mechanics 1941-1953. Boston 1953, pp. 45-65. Harvard soil mechanics series, 16.

3-11 1942

- (155) Discussion on: Progress report of the Committee on the Bearing Value of Pile Foundation. Pile-driving formulas. American Society of Civil Engineers. *Proceedings*, Vol. 68, pp. 311-323. Harvard soil mechanics series, 17.
- (156) Discussion on: A. W. Skempton. An investigation of the bearing capacity of a soft clay soil. Institution of Civil Engineers. *Journal*, Vol. 18, pp. 572-574.
- (157) Liner-plate tunnels on the Chicago (Ill.) subway. American Society of Civil Engineers. *Proceedings*, Vol. 68, No. 6, pp. 862-899.  
American Society of Civil Engineers. *Transactions*, Vol. 108, 1943, pp. 970-1007, 1090-1097. Harvard soil mechanics series, 20.
- (158) Shield tunnels of the Chicago subway. Boston Society of Civil Engineers. *Journal*, Vol. 29, pp. 163-210. Harvard soil mechanics series, 19.  
Boston Society of Civil Engineers. Contributions to soil mechanics 1941-1953. Boston 1953, pp. 67-121. (Clemens Herschel Prize)
- (159) Soil moisture and capillary phenomena in soils. In National Research Council, Washington, D. C. *Physics of the earth series*. Volume on hydrology. New York, McGraw-Hill, pp. 331-363.

BOX 4

4-1 1943

- (160) Correspondence on: L. F. Cooling and H. Q. Golder, The analysis of the failure of an earthdam during construction. Institution of Civil Engineers. *Journal*, Vol. 20, pp. 298-300.
- (161) Correspondence on: G. L. Groves, Tunnel lining. Institution of Civil Engineers. *Journal*, Vol. 20, pp. 359-361.
- (162) Discussion on: A. Casagrande and R. E. Fadum, Application of soil mechanics in designing building foundations. American Society of Civil Engineers. *Proceedings*, Vol. 69, pp. 932-941.  
American Society of Civil Engineers. *Transactions*, Vol. 109, 1944, pp. 427-435.
- (163) Discussion on: K. E. Fields and W. L. Wells, Pendleton Levee failure. American Society of Civil Engineers. *Proceedings*, Vol. 69, pp. 949-954.

- American Society of Civil Engineers. *Transactions*, Vol. 109, 1944, pp. 1416-1421.
- (164) Discussion on: P. C. Rutledge, Relation of undisturbed sampling to laboratory testing. American Society of Civil Engineers. *Proceedings*, Vol. 69, pp. 985-990. American Society of Civil Engineers. *Transactions*, Vol. 109, 1944, pp. 1196-1201.
- (165) Estabilidad y falla de presas de tierra cimentados sobre sapas de arcilla. *Irrigacion en Mexico*, Vol. 24, No. 4, pp. 175-181.
- (166) Measurement of pore-water pressure in silt and clay. *Civil Engineering*, Vol. 13, No. 1, pp. 33-36.
- (167) Measurement of the porewater pressure in a consolidating clay stratum. Texas Conference on Soil Mechanics and Foundation Engineering, 6. Austin. *Proceedings*. 41 pp.
- (168) Recording results of field tests on soils. *Civil Engineering*, Vol. 13, pp. 585-587.
- (169) Stability of fills above horizontal clay strata. Texas Conference on Soil Mechanics and Foundation Engineering, 6. Austin. *Proceedings*. 16 pp.
- (170) *Theoretical soil mechanics*. New York, Wiley. 510 pp. For translations see: No. 176, 203, 224. [Title page and table of contents].
- 4-2 1944
- (171) Discussion on: M. T. Huntting, Geology in highway engineering. American Society of Civil Engineers. *Proceedings*, Vol. 70, pp. 1122-1126. American Society of Civil Engineers. *Transactions*, Vol. 110, 1945, pp. 324-328.
- (172) Ends and means in soil mechanics. *Engineering Journal*, Vol. 27, No. 12, pp. 608-615. Harvard soil mechanics series, 24.
- (173) Stability and stiffness of cellular cofferdams. American Society of Civil Engineers. *Proceedings*, Vol. 70, pp. 1015-1050, Vol. 71, 1945, pp. 980-995. American Society of Civil Engineers. *Transactions*, Vol. 110, 1945, pp. 1083-1202. Harvard soil mechanics series, 26. (Norman Medal)
- 4-3 1945
- (174) Discussion on: A. W. Skempton, A slip in the west bank of the Eau Brink Cut. Institution of Civil Engineers. *Journal*, Vol. 24, pp. 540-541.
- (175) Drainage of clay strata by filter wells. *Civil Engineering*, Vol. 15, No. 10, pp. 463-464.
- (177) Professor Peck receives award. *Illinois Technograph*, February, pp. 20, 28.
- (178) Shipways with cellular walls on a marl foundation. By M. M. Fitz Hugh, J. S. Miller and \_\_\_\_\_. American Society of Civil Engineers. *Proceedings*, Vol. 71, pp. 1327-1353.

- American Society of Civil Engineers. *Transactions*, Vol. 112, 1947, pp. 298-324. Harvard Soil mechanics series, 32.
- (179) Stress conditions for the failure of saturated concrete and rock. American Society for Testing Materials. *Proceedings*, Vol. 45, pp. 777-801. Harvard soil mechanics series, 27.
- 4-4 1946
- (180) Discussion on: R. Glossop and A. W. Skempton, Particle size in silts and sands. Institution of Civil Engineers. *Journal*, Vol. 26, pp. 572-574.
- (181) Discussion on: G. Wilson, Some applications of soil test results to the design of simple foundations. *Surveyor*, Vol. 105, No. 2854, pp. 767-768.
- (182) Rock defects and loads on tunnel supports. In R. V. Proctor and T.L. White. *Rock Tunnelling with Steel Supports*. Youngstown, Ohio, Commercial Shearing and Stamping Co., Section 1, pp. 17-99. Harvard soil mechanics series, 25. Discussion on: S.E. Hollingworth, J.H. Taylor, G.A. Kellaway, Large scale superficial structures in the Northampton ironstone field. *The Quarterly Journal of the Geological Society of London*. Vol. 52, pp. 203-209.
- 4-5 1947
- (183) Recent trends in subsoil exploration. Texas Conference on Soil Mechanics and Foundation Engineering, 7. Austin. *Proceedings*. 15 pp.
- (184) Shear characteristics of quicksand and soft clay. Texas Conference on Soil Mechanics and Foundation Engineering, 7. Austin. *Proceedings*. 10 pp.
- 4-6 1948
- (185) Address at the opening session, Tuesday, June 22, 1948 in the City Theater, Rotterdam; opening address. International Conference on Soil Mechanics and Foundation Engineering, 2. Rotterdam. *Proceedings*, Vol. 6, pp. 11-14.
- (186) Addresses at the official closing of the Conference; address at the farewell dinner. International Conference on Soil Mechanics and Foundation Engineering, 2. Rotterdam. *Proceedings*, Vol. 6, p. 19.
- (187) Addresses at the official closing of the Conference; closing address. International Conference on Soil Mechanics and Foundation Engineering, 2. Rotterdam. *Proceedings*, Vol. 6, p. 17.
- (188) Closing discussion on: Earth pressure, stability and displacements of retaining constructions: International Conference on Soil Mechanics and Foundation Engineering, 2. Rotterdam. *Proceedings*, Vol. 6, p. 111.
- (189) Closing discussion on: Foundation pressure and settlements of buildings on footings and rafts. International Conference on Soil Mechanics and Foundation Engineering, 2. Rotterdam. *Proceedings*, Vol. 6, p. 118.

- (190) Closing discussion on: Problems in road and runway construction. International Conference on Soil Mechanics and Foundation Engineering, 2. Rotterdam. *Proceedings*, Vol. 6, p. 141.
- (191) Closing discussion on: Theories, hypotheses, considerations of general character. International Conference on Soil Mechanics and Foundation Engineering, 2. Rotterdam. *Proceedings*, Vol. 6, pp. 74-75.
- (192) The most recent precautions to avoid the formation of pipings. International Congress on Large Dams, 3. Stockholm. *Transactions*, Vol. 2, question 10, general report, pp. 757-764; French text, pp. 765-772.
- (194) *Soil mechanics in engineering practice*. By and R. B. Peck. New York, Wiley. 566 pp. [Title page and table of contents only].
- (195) Suggestions for international collaboration, exchange of informations. International Conference on Soil Mechanics and Foundation Engineering, 2. Rotterdam. *Proceedings*, Vol. 6, p. 167.
- 4-7 1949
- (196) Soil moisture. In *Hydrology*. Edited by O. E. Meinzer. New York, Dover, pp. 331-363.
- 4-8 1950
- (197) Geologic aspects of soft-ground tunneling. In *Applied Sedimentation*. Edited by Parker D. Trask. New York, Wiley, pp. 193-209.
- (198) Mechanism of landslides. Geological Society of America. *Engineering geology*. Berkley. Vol., November, pp. 83-123.  
Harvard soil mechanics series, 36.  
Instituto de pesquisastecnologicas, Sao Paulo. Separate, 467, 1953. 30 pp.
- 4-9 1951
- (200) Discussion on: W. R. Greathead, Soil as an engineering material at two major airports in South Africa. South African Institution of Civil Engineers. *Transactions*, Vol. 1, pp. 357-359.
- (201) Discussion on: J. E. Jennings, Foundation for buildings in the Orange Free State gold fields. South African Institute of Engineers. *Journal*, Vol. 49, pp. 226-228.
- (202) The influence of modern soil studies on the design and construction of foundations. Building Research Congress, London. Division 1, Part III, pp. 139-145.  
National Research Council, Canada. Associate Committee on Soil and Snow Mechanics. *Technical memorandum*, No. 25, 1952, pp. 139-145.



- (205) "Preface" to C. Mallet and J. Pacquant, *Les barrages en terre*. Paris, Eyrolles, pp. 1-2.
- (206) Soil studies and construction of foundations. *Civil Engineering and Public Works Review*, Vol. 46, No. 544, pp. 764-766.
- 4-10 1952
- (208) Correspondence on: P. W. Rowe, Anchored sheet-pile walls. Institution of Civil Engineers. *Proceedings*, Vol. 1, Part 1, pp. 619-621.
- (209) Permafrost. Boston Society of Civil Engineers. *Journal*, Vol. 39, pp. 1-50. Harvard soil mechanics series 37.  
Boston Society of Civil Engineers. Contributions on soil mechanics 1941-1953. Boston 1953, pp. 319-368. (Fitzgerald Medal)
- (210) Stresses in rock about cavities. By \_\_\_\_\_ and F. E. Richart, Jr. *Geotechnique*, Vol. 3, No. 2, pp. 57-90. Harvard soil mechanics series, 41.
- 4-11 1953
- (211) Anchored bulkheads. American Society of Civil Engineers. *Proceedings*, Vol. 79, Separate 262. 39 pp.  
American Society of Civil Engineers. *Transactions*, Vol. 119, 1954, pp. 1243-1324. Harvard soil mechanics series, 49. (Norman Medal)
- (212) Closing banquet at the Palace Hotel, Lausanne, 26th August 1953; closing speech. International Conference on Soil Mechanics and Foundation Engineering, 3. Zurich. *Proceedings*, Vol. 3, pp. 83-84.
- (213) Closing session, Palais de Rumine, Lausanne, 26th August 1953; address by \_\_\_\_\_. International Conference on Soil Mechanics and Foundation Engineering, 3. Zurich. *Proceedings*, Vol. 3, p. 82.
- (214) Discussion on: Earth pressure, retaining walls, tunnels and shafts in soils. International Conference on Soil Mechanics and Foundation Engineering, 3. Zurich. *Proceedings*, Vol. 3, pp. 205-206.
- (215) Discussion on: Foundation of buildings and dams, bearing capacity, settlement observations, regional subsidences. International Conference on Soil Mechanics and Foundation Engineering, 3. Zurich. *Proceedings*, Vol. 3, pp. 158-159.
- (216) Discussion on: Stability and deformations of slopes and earth dams, research on pore-pressure measurements, groundwater problems. International Conference on Soil Mechanics and Foundation Engineering, 3. Zurich. *Proceedings*, Vol. 3, pp. 217-218.
- (217) Fifty years of subsoil exploration. International Conference on Soil Mechanics and Foundation Engineering, 3. Zurich. *Proceedings*, Vol. 3, pp. 227-237. Harvard soil mechanics series, 47.

- (218) Lunch at the Villa d'Este, Cernobbio, Italy; address. International Conference on Soil Mechanics and Foundation Engineering, 3. Zurich. *Proceedings*, Vol. 3, p. 80.
- (219) Official banquet in the Kongresshaus; Zurich, 21st August 1953; speech by \_\_\_\_\_. International Conference on Soil Mechanics and Foundation Engineering, 3. Zurich. *Proceedings*, Vol. 3, pp. 78-79.
- (220) Opening session in the Kongresshaus, Zurich, 17th August 1953; address delivered by \_\_\_\_\_. International Conference on Soil Mechanics and Foundation Engineering, 3. Zurich. *Proceedings*, Vol. 3, p. 76.
- (221) Origin and functions of soil mechanics. American Society of Civil Engineers. Centennial *Transactions*, pp. 666-696. Harvard soil mechanics series, 44.
- 4-12 1954
- (222) Discussion on: C. M. Duke, Field study of a sheet-pile bulkhead. American Society of Civil Engineers. *Proceedings*, Vol. 80, Separate 379, pp. 19-26.
- 4-13 1955
- (225) Evaluation of coefficients of subgrade reaction. *Geotechnique*, Vol. 5, No. 4, pp.297-326. Harvard soil mechanics series, 51.
- (226) Influence of geological factors in the engineering properties of sediments. *Economic Geology, Fiftieth Anniversary Volume*, pp. 557-618. Harvard soil mechanics series, 50.
- 4-14 1956
- (230) Discussion on: A. W. Skempton and D. H. MacDonald, Allowable settlements of buildings. Institution of Civil Engineers. *Proceedings*, Vol. 5, Part III, No. 3, pp. 775-777.
- (231) Egypt's Aswan High dam. Canadian Soil Mechanics Conference, 10. Ottawa. *Proceedings*. In National Research Council, Canada. Associate Committee on Soil and Snow Mechanics. *Technical Memorandum*, 46, pp. 47-51.
- (232) Varieties of submarine slope failures. Texas Conference on Soil Mechanics and Foundation Engineering, 8. Austin. *Proceedings*. 41 pp. Harvard soil mechanics series, 52.  
*Teknisk ukeblad*, Vol. 104, Nos. 43, 44, 1957, pp. 955-963, 985-992.  
Norwegian Geotechnical Institute. *Publication 25*, Part 1.

BOX 5

- 5-1 1957
- (233) Banquet at Grosvenor House, Park Lane, London, Wednesday, 21 August. International Conference on Soil Mechanics and Foundation Engineering, 4. London. *Proceedings*, Vol. 3, pp. 62-63.
- (234) Closing session at the Institution of Civil Engineers, on Wednesday, 21 August 1957, at 10 A.M., with the President, Professor Karl Terzaghi, in the chair. International Conference on Soil Mechanics and Foundation Engineering, 4. London. *Proceedings*, Vol. 3, pp. 59-60.
- (235) Discussion on: Earth dams, slopes and open excavations. International Conference on Soil Mechanics and Foundation Engineering, 4. London. *Proceedings*, Vol. 3, pp. 263-265.
- (236) Discussion on: Earth pressure on structures and tunnels. International Conference on Soil Mechanics and Foundation Engineering, 4. London. *Proceedings*, Vol. 3, pp. 246-247.
- (237) Discussion on: Foundations of structures. A: General subjects and foundations other than piled foundations. International Conference on Soil Mechanics and Foundation Engineering, 4. London. *Proceedings*, Vol. 3, pp. 154-155.
- (238) Discussion on: Foundations of structures. Piling and piled foundations. International Conference on Soil Mechanics and Foundation Engineering, 4. London. *Proceedings*, Vol. 3, p. 199.
- (239) Discussion on: Soil properties and their measurement. International Conference on Soil Mechanics and Foundation Engineering, 4. London. *Proceedings*, Vol. 3, p. 98.
- (240) Discussion on: Techniques of field measurement and sampling. International Conference on Soil Mechanics and Foundation Engineering, 4. London. *Proceedings*, Vol. 3, pp. 135-136.
- (242) Opening session at the Institution of Civil Engineers, Monday, 12 August, at 2.30 P.M.; address by \_\_\_\_\_. International Conference on Soil Mechanics and Foundation Engineering, 4. London. *Proceedings*, Vol. 3, pp. 55-58.
- (243) Stabilization of an ore pile by drainage. By and R. B. Peck. American Society of Civil Engineers. *Proceedings*, Vol. 83, No. SM 1, paper 1144, 13 pp. Harvard soil mechanics series, 53.

- 5-2 1958
- (246) Consultants, clients and contractors. Boston Society of Civil Engineers. *Journal*, Vol. 45, No. 1, pp. 1-15, No. 3, pp. 275-277. Harvard soil mechanics series, 54.
- (247) Design and performance of the Sasumua dam. Institution of Civil Engineers. *Proceedings*, Vol. 9, April, pp. 369-394, Vol. 11, November, pp. 360-363. Harvard soil mechanics series, 55.
- (248) Design and performance of Vermilion dam, California. By and T. M. Leps. American Society of Civil Engineers. *Proceedings*, Vol. 84, No. SM 3, 30 pp. American Society of Civil Engineers. *Transactions*, Vol. 12'5, 1960. Harvard soil mechanics series, 58.
- (250) Landforms and subsurface drainage in the Gacka region in Yugoslavia. *Annals of Geomorphology*, Vol. 2, No. 1/2, pp. 76-100. Harvard soil mechanics series, 56.
- (251) Soil mechanics research in South Africa. South African Institution of Civil Engineers. Convention, Johannesburg, p. 3.
- 5-3 1959
- (252) Erdstaudamme and Bodenmechanik. Deutsche Gesellschaft fur Erd- and Grundbau e.V. Lectures at the foundation conference at Hamburg, June 12 and 13, 1958. pp. 49-67.
- (253) Soil mechanics in action. *Civil Engineering*, Vol. 29, No. 2, pp. 69-70.
- 5-4 1960
- (254) Discussion on: I. C. Steele and J. B. Cooke, Rockfill dams: Salt Springs and Lower Bear River concrete face dams. American Society of Civil Engineers. *Proceedings*, Vol. 86, No. Pol, pp. 65-74.
- (255) Discussion on: J. B. Cooke, Rockfill dams: Wishon and Courtright concrete face dams. American Society of Civil Engineers. *Proceedings*, Vol. 86, No. Pol, pp. 89-92.
- (256) Storage dam founded on landslide debris. Boston Society of Civil Engineers. *Journal*, Vol. 47, pp. 64-94. Harvard soil mechanics series, 59.
- (261) "To the participants of the Research Conference on Shear Strength of Cohesive Soils at the University of Colorado, June 1960. American Society of Civil Engineers. *Res. Conf. Shear Strength of Cohesive Soils*, pp. 1117-1119.
- 5-5 1961
- (262) Discussion on: Leonoff, C.E. and C.F. Ripley. Case history of a pre-loaded foundation. *Proceedings Canadian Soil Mech. Conf.*, 15, pp. 211-212.

- National Research Council of Canada. Associate Committee on Soil and Snow Mechanics. *Technical Memo*, 73:186-199.
- (263) Discussion on: Skempton, A.W. Horizontal stresses in an over-consolidated Eocene clay. *Proc. 5th Int. Conf. Soil Mech.*, Paris, 3:144-155.
- (264) Engineering geology on the job and in the classroom. *J. Boston Soc. Civ. Engrs.* 48:2:97-109.
- (265) Past and future of applied soil mechanics. *J. Boston Soc. Civ. Engrs.* 48: 2: 110-139.
- 5-6 1962
- (266) Bedeutung und Ziele der Bodermeckanik. VDI (Verein deutscher Ingenieure). *Zeitschrift*, 104: 30: 1535-1537.
- (267) Correspondence on: Casagrande, A. Control of Seepage through foundations and abutments of dams. *Geotechnique*, 12: 1: 67-71.
- (268) Dam foundation on sheeted granite. *Geotechnique* 12:3: 199-208. (Harvard soil mechanics series, 68).
- (269) Discussion on: Ackerman, Adolph J. Atomic power: A failure in engineering responsibility. *Proc. Amer. Soc. Civil Engrs*, 88: 1: 41.  
*Trans. Amer. Soc. Civil Engrs*, 1963, 128: 5: 56-57.
- (272) Discussion on: Mathews, W.H. and F.P. Shepard. Sedimentation of Fraser River delta, British Columbia. *Amer. Assoc. of Petroleum Geologists*, 46:8:1438-1443.
- (273) Does foundation technology really lag? *Engineering News-Record*, 168:7:58-59.
- (274) Measurement of stresses in rock. *Geotechnique*, 12:2: 105-124. (Harvard soil mechanics series, 67.)
- (275) Stability of steep slopes on hard unweathered rock. *Geotechnique*, 12:4:251-270. (Harvard soil mechanics series, 68).
- 5-7 1963
- (277) Foreword, *Canadian Geological Journal*, 1:1:1.
- (278) Karl Terzaghi's last writings on soils. *Engineering News-Record*. 171:21:39-40.
- 5-8 1964
- (279) About life and living. *Geotechnique*. 14;1:51-56.
- (280) Mission dam: an earthen rockfill dam on a highly compressible foundation. *Geotechnique*. 14:1: 13-50.

(continued)

## KARL TERZAGHI PROFESSIONAL REPORTS SERIES

- 5-9 [Grays Harbour Pulp Mill] (April 1929). Includes correspondence.
- 5-10 Preliminary Report on the Settlement of the Charity Hospital Building in New Orleans, LA. (April 9, 1939).
- 5-11 Final Report on the Settlement of the Charity Hospital Building in New Orleans, LA.; (December 21, 1939).
- 5-12 Report on the Foundation Conditions at the Site of the Sulphate Pulp Mill, Marathon Paper Mills of Canada, Ltd., Marathon (Formerly Peninsula), Ontario, Canada (December 1944).  
Report on the Stability of the Subsoil of the Pulp Warehouse of the Sulphate Pulp Mill, Marathon, Ontario. (January 1945).  
Report on the Information Obtained Regarding the Slide of March 30, 1945, on the Hillside South of the Site for the Sulphate Pulp Mill, Marathon Paper Mills of Canada, Ltd., Marathon (formerly Peninsula), Ontario, Canada (April 1945).
- 5-13 Report on the Foundation Conditions at the Available Sites of the Proposed Pulp Mill on the Somass River at Port Alberni, B.C. to be Built for Bloedel, Stewart and Welch, Ltd. (May 2, 1945).
- 5-14 Report on the Present Condition of the Dyke System of the Beauharnois Light, Heat and Power Company, Beauharnois, Quebec (July 22, 1946).
- 5-15 Final Report on the Performance of the Ore Yard of the RFC Planor 257 During the Service Period 1943 to 1948 (December 1, 1948).
- 5-16 Report on the Results of a Reconnaissance of the dam Sites on the Nechako River in British Columbia, East and West of Natalkuz Lake (July 28, 1949)
- 5-17 Final Report of the Construction of Shipways No. 10 and 11 for the Newport News Shipbuilding and Dry Dock Company in Newport News, Virginia (194?) [Part only]
- 5-18 Memorandum Concerning the Foundation Conditions at the Site of the Proposed Pulp and Paper Mill of the Elk Falls Company, Ltd. on Duncan Bay, Vancouver Island, B.C.(November 30, 1950)

- 5-19 [Report on the Bridge River-Seton Lake Powerhouse] (August 18, 1951) and correspondence.
- 5-20 Report on the Methods of Protecting the Core of the Nechako Dam (March 24, 1952).
- 5-21 Correspondence between Terzaghi and C.F. Ripley re: Pacific Great Eastern Railway Slide, Quesnel, B.C. (June - November 1953).
- 5-22 Report Concerning the Causes of the Whatsham Slides (November 16, 1953).
- 5-23 Report on the Design of Sasamua Dam (November 24, 1953).
- 5-24 Report Concerning Foundation of the Proposed Converting Plant of Pacific Mills Ltd. at Fraser Mills Site, Vancouver Area, B.C. (May 12, 1954).
- 5-25 [Correspondence and Notes re: Gardiner Dam, Saskatchewan] (1954, 1962).
- 5-26 Correspondence between Terzaghi and C.F. Ripley re: Crown Zellerbach Converting Plant, Richmond, B.C. (March - June 1954).
- 5-27 [Memoranda and Correspondence re: Crown Zellerbach Converting Plant, Richmond, B.C.] (June 1954 - May 1955).
- 5-28 Memorandum Concerning Site Preparation for the Proposed Extension of the Plant of the Elk Falls Co., Ltd., Campbell River, Vancouver Island, B.C. (June 15, 1955)
- 5-29 [Memoranda and Correspondence re: Cheakamus Dam] (July 1955 - November 1957)
- 5-30 Reports on Woodfibre Landslide of August 22, 1955 (November 29, 1955)
- 5-31 Report on the Controversies between the City of Nairobi and the Contractors Concerning Design and Construction of the Sasumua Dam, Kenya (March 8, 1956).
- 5-32 Report Concerning Construction and Performance of Bridge River Diversion Dam (July 6, 1957).

- 5-33 Report Concerning Construction and Performance of Bridge River Diversion Dam (February 14, 1958)
- 5-34 Report on Performance of Cheakamus Dam, B.C. After First Filling of Reservoir (March 6, 1958)
- 5-35 [Correspondence re: Mission Dam] (1957-1960).
- 5-36 [Memoranda and Correspondence re: Mission Dam] (October 1958 - May 1960).
- 5-37 Report on the Condition of "Upper Ore Yard", Cleveland, Ohio, After Seventeen Years of Service (September 26, 1960).
- 5-38 [Correspondence and Memoranda re: Cleveland Dam, Vancouver, B.C.] (August 1, 1952, January 14, 1959, June 19, 1962).
- 5-39 Report on Stability Conditions at East Abutment of Cleveland Dam, G.V.W.D., British Columbia (June 30, 1961).
- 5-40 Copy of KT reports published in *Theory to Practice in Soil Mechanics* (1960):  
"Soft Ground Tunneling"  
"Cofferdams"  
"Earth dams"
- 5-40a Biographical Information - Profile: The Man with Tunnel Vision by Marie Lutz, *Engineering Outlook* (Fall 1996), p. 15. Ralph B. Peck Publications Series
- 5-40b Published and updated bibliography. Abbreviations: ASCE, American Society of Civil Engineers; ASEE. American Society for Engineering Education; ASTM. American Society for Testing and Materials; AREA, American Railway Engineering Association; AWWA. American Water Works Association.

#### RALPH B. PECK PUBLICATIONS SERIES

- 5-41 1936  
(1) Discussion: The Shear-Area Method. *Trans. ASCE*, 101, pp. 992-993.



- 5-42 1937  
(2) With E. C. Ingalls. Discussion: Analysis of Vierendeel Trusses. *Trans. ASCE*, 102, pp. 925-926.
- 5-43 1939  
(3) Soil Tests Check Chicago Subway Work. *Eng. News-Rec.* (December 7) pp. 87-58.
- 5-44 1941  
(5) The Teaching and Practice of Soil Mechanics-A Critical Comparison. *Soc. for Promotion of Eng. Education, Civil Eng. Div.* Ann Arbor, Mich., 6 pp.  
(6) The Measurement of Earth Pressures on the Chicago Subway. *ASTM Bull.*, (August), 111. pp. 25-30.  
(7) Soil Mechanics on the Chicago Subway. Ill. *Tech. Eng.*, (October). pp. 7-12.  
(8) With R. S. Knapp. Open-Cut Soil Pressures on Chicago Subway, *Eng. News-Rec.* (Nov. 20), pp. 87-90.
- 5-45 1942  
(9) Discussion: Pile-Driving Formulas. Progress Report of the Committee on the Bearing Value of Pile Foundations. *Proc. ASCE*, Feb. 1942; Also Harvard Univ. Soil Mech. Series, 17, pp. 29-30.  
(10) Factors Entering into the Determination of Allowable Loads on Chicago Subsoils. *Journ. Western Soc. Eng.*, 47, pp. 69-78.
- 5-46 1943  
(11) Earth-Pressure Measurements in Open Cuts, Chicago (111.) Subway. *Trans. ASCE* 108. pp. 1008-1036. Discussion: pp.1097-1103.
- 5-47 1944  
(12) Discussion: Pendleton Levee Failure. *Trans. ASCE*, 109, pp. 1414-1416.  
(13) With M. E. Uyanik. Fifty Years Ago. III. *Technograph*, Oct., pp. 14-15.
- 5-48 1946  
(14) First Progress Report of the Joint Investigation of Methods of Roadbed Stabilization. *Proc. AREA*.47. pp. 324-353.
- 5-49 1947  
(15) Second Progress Report of the Investigation of Methods of Roadbed Stabilization. *Proc. AREA*, 48. pp. 491-543.

- 5-50 1948
- (16) Stabilizing Embankment Slides. *Rwy. Eng. and Maint.* January. pp. 65-66.
  - (17) The Mechanics of Small Earth Dams. *Agr. Eng.* May. pp. 210-214.
  - (18) History of Building Foundations in Chicago. *Univ. of Ill. Eng. Exp. Sta. Bull.* 373, 62 pp.
  - (19) With W. V. Kaun. Description of a Flow Slide in Loose Sand. *Proc. 2nd Int. Conf. Soil Mech.*, Rotterdam, 11. pp. 31-33.
  - (20) With O. K. Peck. Experience with Flexible Culverts through Railroad Embankments. *Proc. 2nd Int. Conf. Soil Mech.*, Rotterdam, 11, pp. 95-98.
  - (21) With H. O. Ireland and C.Y. Teng. A Study of Retaining Wall Failures. *Proc. 2nd Int. Conf. Soil Mech.*, Rotterdam, 111, pp. 296-299.
  - (22) With S. Berman. Measurements of Pressures against a Deep Shaft in Plastic Clay. *Proc. 2nd Int. Conf. Soil Mech.*, Rotterdam, 111, pp. 300-301.
  - (23) With O. K. Peck. Settlement Observations on a Large Water Tank. Salt Lake City, Utah. *Proc. 2nd Int. Conf. Soil Mech.* Rotterdam, IV, pp. 1-3.
  - (24) With O. K. Peck. Settlement of Foundation Due to Saturation of Loess Subsoil. *Proc. 2nd Int. Conf. Soil Mech.*, Rotterdam, IV, pp. 4-5.
  - (25) A Study of Retaining Wall Failures. *Proc. AREA.* 49, pp. 660-666.
- 5-51 1949
- (27) Discussion: Lateral Earth Pressures on Flexible Retaining Walls. *Trans. ASCE*, 114, pp. 507-510.
  - (28) Laboratory Studies of Roadbed Stabilization. *Proc. AREA*, 50, pp. 676-683: Also published as *Univ. of Ill. Eng. Exp. Sta. Reprint Series 42.* (1949), 10 pp.
  - (29) The Future of Soil Mechanics in Railroad Engineering. *Proc. AREA*, 50, pp. 870-872.
- 5-52 1950
- (30) With A. E. Cummings and G. O. Kerkhoff. Effect of Driving Piles into Soft Clay. *Trans. ASCE*, 18 pp. 275-285. Discussion pp. 346-350.
  - (31) Soil Mechanics: The Simple. Practical Approach Can Be Fruitful. *Modern Railroads*, July, pp. 59-62.
- 5-52a 1951
- Studies of Soil Characteristics by \_\_\_\_\_, H.O. Ireland and T.S. Fry. *Soil Mechanics Series No. 1* (July 5, 1951).
- 5-53 1952
- (32) Selection of Foundations for Engineering Structures. *Proc. 2nd Struc. Eng. Conf.*, Univ. of Ill., pp. 113-118.

- (34) Soil Mechanics as Related to Substructure Design. *Louisiana State Univ., Eng. Exp. Sta. Bull.* 30, pp. 511.
- 5-54 1953
- (35) With F. G. Bryant. The` Bearing-Capacity Failure of the Transcona Elevator. *Geotechnique*. March, pp. 201-208.
- (36) With A. E. Cummings. Local Materials in High Andes Prove Suitable for Rolled-Fill Dam. *Civil Eng.*, May, pp. 293-296.
- (37) The Influence of Subsurface Conditions on the Design of Foundations for Waterfront Structures in the Great Lakes Area. *Proc. 4th Conf. Coastal Eng.*, Chicago, pp. 291-305.
- (38) Foundation Exploration-Denver Coliseum. *Proc. ASCE*. 79, Separate 326. November, 14 pp. Discussion Sep. 478. Aug. 1954, p. 45.
- (40) With L. P. Drew, et al. Specifications for Design of Retaining Walls and Abutments. *Proc. AREA*, 54. pp. 797-813.
- (41) With H. O. Ireland. Investigation of Stability Problems. *Proc. AREA*, 54 pp. 1116-1128.
- (42) General Report, Piles and Pile Foundations. *Proc. 3rd Int.Con. Soil Mech.*, Zurich. 11. pp. 345-348.
- (43) With W. E. Hanson and T. H. Thomburn. Foundation Engineering-Footings on Typical Sandy and Clayey Soils. *Progressive Architecture*, December, pp. 95-101.
- 5-55 1954
- (44) Foundation Conditions in the Cuyahoga River Valley. *Proc. ASCE*. 80, Separate 513, October, 20 pp.  
Closure: *Proc. ASCE*, 81, Separate 658, 1955, pp. 7-8.
- (45) With W. C. Reed. Engineering Properties of Chicago Subsoils. *Univ. of Ill. Eng. Exp. Sta. Bull.* 423, 62 pp.
- (46) Failures Induced by Weight of Fill. *Proc. AREA* (1954), 55 pp. 645-651.
- (47) Lateral Forces Beneath Fills. *Proc. AREA*, 55, pp. 1057-1062.

BOX 6

- 6-1 1955
- (48) With M. E. Uyanik. Observed and Computed Settlements of Structures in Chicago. *Univ. of Ill. Eng. Exp. Sta. Bull.* 429, 60 pp.
- (49) The Place of Soil Mechanics in Construction. *Civil Eng. Bull. ASEE*. May 1955, pp. 4-5.

- (50) With A. W. Skempton and D. H. MacDonald. Settlement Analyses of Six Structures in Chicago and London. *Proc. Inst. Civil Eng.*, July, pp. 525-544.
- (51) With Rockwell Smith. Stabilization by Pressure Grouting on American Railroads. *Geotechnique*. Sept. 1955, pp. 243-252.
- (52) Illinois Central Relocation at Grenada Reservoir. *Proc. AREA* (1955), 56, pp. 702-706.
- 6-2 1956
- (53) With J. D. Parsons. Discussion: The Action of Soft Clay along Friction Piles. *Journ. ASCE*. 82 SM3. pp. 10, 11: Also *Trans. ASCE*, 122, (1957), pp. 758-760.
- (54) Relocation of Railroad Embankment, O'Hare Field. Chicago. *Proc. AREA* 57, pp. 649-657.
- (55) Stabilization by Electro-Osmosis. *Proc. AREA*, 57, pp. 658-660.
- (56) With T. H. Wu. Field. Observations on Sand Drain Construction on Two Highway Projects in Illinois. *Proc. Hwy. Res. Board*. 35, pp. 747-753.
- (57) With D. U. Deere and J. L. Capacete. Discussion: The Allowable Settlements of Buildings. *Proc. Inst. Civ. Eng. Part III*, 5, pp. 778-781.
- 6-3 1957
- (58) With C. C. Cooke et al. Specifications for Design of Spread Footing Foundations *Proc. AREA*, 58. pp. 633-648.
- (59) With K. Terzaghi. Stabilization of an Ore Pile by Drainage. *Journ. ASCE*, 83, SMI. pp. 1-13.
- (60) With H. O. Ireland. Discussion: Experiences with Loess as a Foundation Material. *Journ. ASCE*, 83, SMI. pp. 21-34.
- (61) With M. T. Davisson and Vello Hansen. Discussion: Soil Modulus for Laterally Loaded Piles. *Journ. ASCE*, 83. SM2, pp. 22-28.
- (62) With H. O. Ireland. Backfill Guide. *Journ. ASCE*.93(1957). ST4. pp. 1-10.
- 6-4 1958
- (63) With D. U. Deere. Stability of Cuts in Fine Sands and Varved Clays. Northern Pacific Railway, Noxon Rapids Line Change, Montana. *Proc. AREA*, 59, pp. 807-815.
- (64) Discussion: Consultants, Clients and Contractors. *Journ. Boston Soc. Civil Eng.*, January 45, pp. 34-37; Also *Harvard Univ. Soil Mech. Series 54*
- (65) A Study of the Comparative Behavior of Friction Piles. *Hwy. Res. Board Special Report 36*, 72 pp.

- 6-5 1959
- (66) A Study of the Comparative Behavior of Friction Piles. *Hwy. Res. Abstracts*, April, 29, pp. 30-39.
- (67) Summary. Bearing Capacity of Structures on Compacted Soils. *Proc. 7th Annual Conf. Soil Mech.*, Univ. of Minn., pp. 25-26.
- 6-6 1960
- (68) The Teaching and Practice of Soil Mechanics-A Second Comparison. *Journ. ASEE*, 50, pp. 309-311.
- (69) With D. U. Deere. Investigation of Landslides for Planning Remedial Measures. *Proc. AREA*, 61, pp. 670-677.
- (70) Discussion: Compressibility as the Basis for Soil Bearing Value. *Journ. ASCE*, SMI 86, pp. 79-80.
- (71) Discussion: Major Power Station Foundation in Broken Limestone. *Journ. ASCE*, SMI 86, pp. 95-98.
- (72) Discussion: Tests of Steel Tubular Piles Driven near Saigon River, Vietnam. *Hwy. Res. Board Bull.* 242, p. 40.
- (74) Foundation. *Encyclopedia Americana*.
- (75) Discussion: Failure Hypotheses for Soils. *Proc. Res. Conf. on Shear Strength of Cohesive Soils*, Boulder, Colo., pp. 987-989.
- (76) With John Lowe. III. Moderator's Report, Shear Strength of Undisturbed Cohesive Soils. *Proc. Res. Conf. on Shear Strength of Cohesive Soils*, Boulder, Colo., pp. 1137-1140.
- 6-7 1961
- (77) Soil Mechanics. *Encyclopaedia Britannica*.
- (78) Quicksand. *Encyclopaedia Britannica*.
- (79) With H. O. Ireland. Full-Scale Lateral Load Test of a Retaining Wall Foundation. *Proc. 5th Int. Conf. Soil Mech.*, Paris (1961), 11, pp. 453-458.
- (81) With S. Berman. Recent Practices for Foundations of High Buildings in Chicago. *Symp. on The Design of High Buildings*. Golden Jubilee Cong., Hong Kong Univ. Press (1962), pp. 85-98.
- 6-8 1962
- (82) Discussion: Engineering Geology on the Job and in the Classroom. *Journ. Boston Soc. Civil Eng.*, 49, pp. 73-78.
- (83) Discussion: Past and Future of Applied Soil Mechanics. *Journ. Boston Soc. Civil Eng.*, 49, pp. 96-100.
- (84) With M. T. Davisson. Discussion: Design and Stability Considerations for Unique Pier. *Trans. ASCE*, Part IV, 127, pp. 413-424.

- (85) Art and Science in Subsurface Engineering. *Géotechnique*, 12, pp. 60-66.
- (86) Contributions to Panel Discussion on Pile Foundations. *Proc. 5th Int. Conf. Soil Mech.*, Paris, 111, pp. 243-244.
- (87) Contributions to Panel Discussion on Earth Pressures. *Proc. 5th Int. Conf. Soil Mech.*, Paris, 111, p. 328.
- (88) Discussion: Replies and General Summary, Session 11. Foundations. *Symp. Design of High Buildings*, Univ. of Hong Kong, pp. 103-125.
- (89) Discussion: General Summary. Special Session on Foundation Engineering *Symp. Design of High Buildings*, Univ. of Hong Kong, pp. 126-138.
- 6-9 1963
- (90) With M. T. Davisson. Discussion: Friction Pile Groups in Cohesive Soil. *Journ. ASCE*, SMI, 89, pp. 279-285.
- (91) General Report. Field Investigations. *Proc. 2nd. Pan-american Conf. Soil Mech.*, Brazil 11, pp. 449-455, 524-525, 548-549.
- (92) Discussion: Piled Foundations. *Proc. 2nd Panamerican Conf. Soil Mech.*, Brazil, 11, pp. 641-642.
- 6-10 1964
- (93) With T. Raamot. Foundation Behavior of Iron Ore Storage Yards. *Journ. ASCE*, SM3, 90, pp. 85-122. Closing discussion: 91, pp. 193-195.
- (94) Editorial on Substructure and Superstructure Design. *Journ. ASCE*, ST4, Part 2, 90, pp. 1-2.
- (95) Foundations, Structural. *Encyclopaedia Britannica* (1964).
- 6-11 1965
- (96) Pile and Pier foundations. *Journ. ASCE*. SM2, 91, pp. 33-38.
- (97) Reflections on Dr. Karl Terzaghi. *Proc. 6th Int. Conf. Soil Mech.*, Montreal, 111, pp. 77-78.
- 6-12 1967
- (98) Bearing Capacity and Settlement: Certainties and Uncertainties. *Proc. Symp. Bearing Capacity and Settlement of Found.* Duke Univ., pp. 3-7.
- (99) Philosophy of Foundation Design: Questions. *Proc. Symp. Bearing Capacity and Settlement of Found.* Duke Univ., pp. 86-88.
- (100) Philosophy of Foundation Design: Discussions: *Proc. Symp. Bearing Capacity and Settlement of Found.* Duke Univ., pp. 89-90.
- (101) Stability of Natural Slopes. *Journ. ASCE* . SM4, 93, pp. 403-417.
- (102) Tunnel. *Encyclopaedia Britannica*.

- (103) Discussion: Portage Mountain Dam 11. Materials. *Can. Geot. Journ.*, IV:2, pp. 166-172.
- (104) Discussion: Analysis of Soil Liquefaction: Niigata Earthquake. *Journ. ASCE* (1967), SM5, 93, pp 365-366.
- (105) Fundamentals of Comparison. *Proc. Montana Conf. Soil Mech.*, pp. 1-9.
- (106) Discussions: *Proc. Montana Conf. Soil Mech.*, pp. 26, 27, 41, 42, 61, 62, 77, 78, 81-55.
- (107) Conference Summation Comments. *Proc. Montana Conf. Soil Mech.*, pp. 87-89.
- (108) Earthquakes and Liquefaction. *Proc. Montana Conf. Soil Mech.*, pp. 91-95.
- 6-13 1968
- (110) Problems and Opportunities-Technology's Legacy from the Quaternary. *Proc. Symp. On The Quaternary of Ill. Univ. of Ill. Coll. Agr. Spec. Publ. No. 14*, pp. 138-144.
- 6-14 1969
- (111) With A. R. S. Bazaraa. Discussion: Settlement of Spread Footings on Sand. *Journ. ASCE*, SM3, 95, pp. 905-909.
- (112) Deep Excavations and Tunneling in Soft Ground. State of the Art Volume, 7th *Int. Conf. Soil Mech. Mexico*, pp. 221-290.
- (113) General Report. Deep Excavations and Tunneling in Soft Ground. *Proc. 7th Int. Conf. Soil Mech.*, Mexico 3, pp. 147-150.
- (114) Discussions: *Proc. 7th Int. Conf. Soil. Mech.*, Mexico, 3, pp. 328, 329, 330, 359, 360, 361.
- (115) A Man of Judgment. Second R. P. Davis Lecture on the Practice of Eng., W. Va. *Univ. Bull. Series 70*, No. 5-2, 10 pp.
- (116) Advantages and Limitations of the Observational Method in Applied Soil Mechanics. Ninth Rankine Lecture. *Geotechnique*, 19. pp. 171-187.
- (117) With J. R. Salley. Tolerable Settlements of Steam Turbine Generators. *Journ. ASCE P02*, 95, pp. 227-252.
- 6-15 1970
- (118) Discussion: Representative Sampling in Location, Quality, and Size. *ASTM Spec. Tech Publ. 483*, pp. 107-108.
- (119) With V. Pop and S. Birger. Linii de Influenc3 Pentru Grinzi Torsionate pe Mediu Elastic (Influence Lines for Twisted Beams on Elastic Foundations). *Buletinul Sciintfic al Institutului Politehnic din Cluj*, Romania, pp. 435-444.
- (120) With D. U. Deere. H. W. Parker, J. E. Monsees, and B. Schmidt. Design of Tunnel Support Systems. *Hwy. Res. Record*, No. 339, pp. 26-33.

- (121) Applied Soil Mechanics, *Proc. 2nd Southeast Asian Conf. on Soil Eng.*, Singapore, pp. 622-628.
- (122) Foundations for High-Rise Buildings. *Proc. 2nd Southeast Asian Conf. on Soil Eng.*, Singapore, pp. 629-638.
- (123) Field Measurements-Underground Structures. *ASCE Soil Mech. Lecture Series*, Chicago, pp. 91-115.
- 6-16 1971
- (124) Tunneling-Where are We Going? *Proc. Soil Mech. and Found. Eng. Conf*, Univ. of Kansas, 5 pp.
- (125) With D.J. Hagerty. Heave and Lateral Movements Due to Pile Driving. *Journ. ASCE SM 11*, 97, pp. 1513-1532.
- (126) Discussion: The Standard Penetration Test. *Proc. 4th Panamerican Conf. Soil Mech.*, Puerto Rico 111, pp. 59-61.
- (127) Discussion: Slope Stability in Residual Soils. *Proc. 4th Panamerican Conf. Soil Mech.*, Puerto Rico 111, p. 126.
- (128) Preface to the Armenian and Russian Translations. *Advantages and Limitations of the Observational Method in Applied Soil Mechanics, Problems of Geomechanics*, Yerevan Vol. 5, pp. 30-57. (Translation by G. Ter Stepanian.)
- 6-17 1972
- (129) Soil-Structure Interaction. *Proc. ASCE Cont. on Performance of Earth and Earth-Supported Struc.*, Purdue Univ., II, pp. 145-154.
- (130) Soil-Structure Interaction: Opening Remarks. Session V. *Proc. ASCE Conf. On Performance of Earth and Earth-Supported Struc.*, Purdue Univ. III, pp. 249-250.
- (131) Observation and Instrumentation: Some Elementary Considerations. U.S. Dept. of Trans., Fed. Hwy. Admin., *Highway Focus*, Vol. 4, No. 2, pp. 1-5.
- (132) With A. J. Hendron. Jr. and B. Mohraz. State of the Arts of Soft-Ground Tunneling. *Proc. 1st North Am. Rapid Excavation and Tunneling Conf.*, Chicago. Vol. I, pp. 259-286.
- (133) With D. J. Palladino. Slope Failures in an Overconsolidated Clay, Seattle, Washington. *Geotechnique*. 22, pp. 563-595.
- (134) Closing Address. *Proc. 5th European Conf. on Soil Mech.*, Madrid, Vol. 2, pp. 349-351.
- (136) With K. Flaate. Braced Cuts in Sand and Clay. Veglaboratoriet, *Meddelelse No. 41*, Oslo, pp. 7-29. Also published as *Norwegian Geot. Inst. Publ. 96* (1973). pp. 7-29.



BOX 7

7-1 1973

- (137) Influence of Nontechnical Factors on the Quality of Embankment Dams. *Embankment-Dam Engineering, Casagrande Volume*, Wiley, New York (1973). pp. 201-208.
- (138) The Civil Engineering Mind-Nature and Nurture. *Journ. Boston Soc. Civil Eng.*, 60, pp. 135-144.
- (140) Opening Remarks. *Proc. 8th Int. Conf. Soil Mech.*, Moscow, 4.1, p. 153.
- (141) Presidential Address, The Direction of Our Profession. *Proc. 8th Int. Coq. Soil Mech.*, Moscow, 4.1, pp. 156-159.
- (142) Remarks at Closing Session. *Proc. 8th Int. Conf. Soil Mech.*, Moscow, 4.1, pp. 173, 183, 184.
- (143) Comments on Deep Foundations. *Proc. 8th Int. Conf. Soil Mech.*, Moscow, 4.2, p. 73.
- (144) Comments on Problems in Soil Mechanics and Construction on Soft Clays and Structurally Unstable Soils. *Proc. 8th Int. Conf. Soil Mech.*, Moscow, 4.2, pp. 99-100.
- (145) Discussion: Lateral Pressures of Clayey Soils on Structures. *Proc. 8th Int. Cord. Soil Mech.*, Moscow, 4.3, p. 232.
- (146) Techniques and Equipment for Large Tunnels--Current and Future. *AWWA*, Dec., pp. 783-785.
- (147) Braced Wall and Tieback Systems. *ASCE Soil Mech. Lecture Series*, Chicago. pp. 1-13.
- (148) Soil Mechanics in Engineering Practice: The Story of a Manuscript, 1942-1948. *Terzaghi Memorial Lectures*, Bojazirii Univ., Istanbul (1973), pp. 50-77.

7-2 1974

- (150) The Technology of Underground Construction, Present and Future. *Proc. 2nd North Am. Rapid Excavation and Tunneling Conf.*, San Francisco Vol. 1, pp. 5-14.
- (151) With A. I. Hendron, Jr. Computer Applications in Construction Engineering. *ASCE Soil Mech. Lecture Series*, Evanston. Ill. pp. 103-106.
- (152) With H. O. Ireland. Experience in Teaching Engineering Judgment by Case Histories in Foundation Engineering. *Proc. ASCE Conf. on Eng. Education*, Ohio State Univ. Vol. 1, pp. 187-192.

7-3 1975

- (155) Karl Terzaghi and the Chicago Subway. *Journ. ASCE*. E14, 101, pp. 477-484. Closure, Ell. 103. pp. 64-65.

- (156) The Selection of Soil Parameters for the Design of Foundations. 2nd Nabor Carrillo Lecture. Mexican Soc. for Soil Mech., 64 pp.
- (157) Landslides and Their Prevention. *Proc. 4th Guelph Symp. on Geomorphology*. Univ. of Guelph, Ont., pp. 133-136.
- (158) Lateral Pressures Against Tunnels. ASCE Seminar on Lateral Soil Pressures, Dayton, Ohio, 13. pp.
- 7-4 1976
- (159) Tunneling in Soft Ground--Geotechnical Considerations. *DOT Seminar on Underground Construction*, Vail, Colo., 24 pp.
- (160) Performance of Lateral Support Systems. *ASCE Geotechnical Lecture Series on Lateral Earth Pressures*. Boston (1976), 25 pp.
- (161) On Being Your Own Engineer. *Civil Eng. Alumni Assoc. Newsletter*, Univ. of Ill., Urbana. Illinois, Fall 1976, pp. 4-5.
- (162) With W. L. Chadwick et al. *Report to U.S. Dept. of the Interior and State of Idaho on Failure of Teton Dam*. Supt. Documents. U.S. Gov't Printing Off., 219 pp., 7 app.
- 7-5 1977
- (163) With D. U. Deere. The Role of Theory in Geotechnical Field Observations. *In Structural and Geotechnical Mechanics*. W.J. Hall, Ed. Prentice-Hall, New Jersey, pp. 204--219.
- (164) Pitfalls of Overconservatism in Geotechnical Engineering. *Civil Eng.. ASCE*, 47:2, pp. 62-66.
- (165) Rock Foundations for Structures. *Proc. ASCE.Conf. on Rock Eng. for Found. and Slopes*, Boulder, 11, pp. 1-21.
- (166) Foreword to *Award-Winning ASCE Papers in Geotechnical Engineering 1950-1959*. ASCE, p. iii.
- (167) Advice to a Young Engineer. *Military Eng.*, 69:450, pp. 232-234. Reprinted. *Journ. Inst. Military Eng.*, India (1978), Vol. 30, No. 2, pp. 39-42.
- (168) Vignettes of Four Presidents, 1936-1969. *Proc. 9th Int. Conf. Soil Mech.*, Tokyo, Vol. 3. pp. 285-290.
- 7-6 1978
- (169) Let's Get It Straight About Those Dams. *Military Eng.*, 70:453, pp. 20-23.
- (170) Five Lessons from Five Jobs. Original version, *A Half Century in Geotechnics, Peynircioilu Jubilee Vol.*, E. To. grol, Ed., Tech Univ., Istanbul, pp. 85-91. Edited version, *Military Eng.*, 70:457, Sept.-Oct. 1978, pp. 323-325.
- (171) Safety of Foundations for Earth and Rock Fill Dams. *ASCE Soil Mech. Lecture Series*, Chicago (1978), pp. I-56.

- 7-7      1979
- (172)    Liquefaction Potential: Science Versus Practice. *Journ. ASCEGT3*, 105, pp. 393-398.  
 Closure (1980). GT6. 106. pp. 729-730.
- (174)    Laurits Bjerrum: Contributions to Mechanics of Rockslides. *Rockslides and Avalanches*, Barry Voight. Ed. Elsevier, pp. 134-147.
- 7-8      1980
- (175)    Subsurface Engineering, *Military Eng.*, 72:467, pp. 172-174.
- (176)    Where Has All the Judgment Gone? Laurits Bjerrum Minneforedrag No. 5, Norges Geotekniske Institutt, Oslo (1980). 5 pp.; Also *Can. Geol. Journ.* 17:4. pp. 584-590, and *Norwegian Geot. Inst. Publ.* 134, pp. 1-5.
- 7-9      1981
- (177)    Discussion: Dam Failure in Benefit/Cost Analyses. *Journ. ASCE*, GT4, 107. pp. 531-531.
- (178)    Case Histories in Soil Mechanics. *Proc. 9th Int. Conf. Soil Mech.*, Tokyo, Case History Volume. pp. I-14.
- (179)    Weathered-Rock Portion of the Wilson Tunnel, Honolulu, Soft-Ground Tunneling, Eds. Resendiz and Romo, Balkema, Rotterdam, pp. 13-22.
- (180)    Investigating Residual Metamorphics for Tunnels. *Proc. 10th Int. Conf. Soil Mech.*, Stockholm 1, pp. 341-344.
- (181)    Preface to *Soil Dynamics*, by Shamsher Prakash, McGrawHill, New York, pp. xi, xii.
- (182)    James Bay Project, Design and Performance of Dams. *1st Annual USCOLD Lecture*. U.S. Comm. on Large Dams, N.Y., 14 pp., 17 fig.
- (183)    Effects of Groundwater on Planning. Design. and Construction. *ASCE Geot. Lecture Series*. Chicago, 30 pp.
- 7-10     1982
- (184)    With S. D. Wilson and H. B. Seed. Arthur Casagrande, 1902-1981: A Tribute, *Geotechnique*, pp. 87-94.
- (185)    Gleanings from 70 Failures. *ASCE Seminar on Found. Failures. Problems and Rehabilitation*, New York, 30 pp.
- (186)    Discussion: Laboratory Study of Hydraulic Fracturing. *Journ. ASCE*, GTI 1. 108, pp. 1498-1499.
- (187)    Memorial to Kevin Nash. *Proc. 10th Int. Conf. Soil Mech.*, Stockholm, Vol. 4, pp. 168-169.

- (188) Comments on Risk Analysis for Dams. *Proc. Dam Safety Research Coordination Conf.*, Interagency Committee on Dam Safety, Research Subcommittee, Denver, pp. 11-2-11.
- 7-11 1983
- (189) Nature Ignores Specialties, *Geot. News*, Mar. - May, pp. 12-15.
- (190) Foreword to *Geotechnical Engineering Investigation Manual*, by Roy E. Hunt, McGraw-Hill. New York, pp. ix, x.
- (191) Karl Terzaghi, 1883-1963. Thoughts Occasioned by the Centenary of his Birth. *Geotechnique*. 33, pp. 349-350.
- (192) No Job Without its Lesson. *Cancold Bull.*, Mar. pp. 3,4.
- (194) Case Histories for Today's Geotechnique. *Proc. Int. Conf on Case Histories in Geot. Eng.*, Rolla, MO, II, pp. 907-911.
- (195) State of the Art: Soft-Ground Tunnelling, Tunnelling in Soil and Rock, *Proc. ASCE Geotech 84 (1984)*, pp. 1-11.  
Closure *Journ. ASCE (1985)*, GT 5, III, pp. 678-679.
- (196) With Stanley D. Wilson and H. Bolton Seed. Arthur Casagrande, *Memorial Tributes, National Acad. Eng.*, 2, 41-44.
- 7-13 1985
- (198) The Last Sixty Years. *Proc. 11th Int. Conf. Soil Mech.*, San Francisco. Golden Jubilee Volume, pp. 123-133.
- 7-14 1986
- (200) Review: Canadian Foundation Engineering Manual, Second Edition. *Geot. News*, 4:1, March, pp. 11-12.
- (201) Review: Suit is a Four Letter Word, by Hugh W. Nasmith. *Geot. News*, 4:3, Sept., p. 35.
- 7-15 1987
- (202) Editorial: Preserve the Environment or Change It? *Environ. Geol. Water Sci.*, 3, pp. 129-130.
- (203) Design for Constructability. *Foundation Drilling*, Sept./ Oct., pp. 22-28.
- (204) With G. Mesri. Discussion: Compaction-Induced Earth Pressures Under Ko-Conditions. *Journ. ASCE*, GT 11, Nov. 1987, 113., pp. 1406-1408.
- 7-16 1988
- (206) Message to the Members of the Southeast Asian Geotechnical Society. *Bangkok Post Supplement*, Dec. 7, 1987, p. 2. Also in Souvenir Volume, 20th Anniversary

- Celebration, SE Asian Geot. Soc. and Ninth SE Asian Geot. Conf.*, Bangkok, 7-11 Dec. 1987, p.1.
- (207) Nature & the Civil Engineer. *Geot. News*, 6:2, June 1988, pp. 6-8.
- (208) Review: Geotechnical Instrumentation for Monitoring Field Performance, by John Dunncliff. *Geot. News*, 6:2, June 1988, p. 28.
- (209) Growing Pains of a New Profession: Soil Mechanics 1925-1940. *ASFE*, Boston, 1988, p.3-11.
- (210) The Place of Stability Calculations in Evaluating the Safety of Existing Embankment Dams. *Civil Eng. Practice, Jour. Boston Soc. CE*, 3:2, Fall 1988, pp. 67-80.
- 7-17 1989
- (211) Stanley DeWolf Wilson, Memorial Tributes, Vol. 3, *Nat'l. Acad. of Engrg*, 1989, pp.354-359.
- 7-18 1991
- (214) Geotechnical Engineering . . . Then and Now. *Civ. Eng. News*, Aug. 1991, 18-19.
- 7-19 1993
- (216) With F.B. Slichter, F. D. Patton, I. Jernelius, and S. Balasubrahmanyam. Geological Surprises at a Dam in Zambia, *Proc. 3rd Int. Conf. on Case Histories in Geot. Engrg.*, St. Louis, MO. June 1-4, 1993, II, pp. 1207-1212.
- (217) Discussion: Estimation Earth Pressures Due to Compaction. *Journ. ASCE* (1993), GT 7, 119, pp. 1171-1172
- (218) With E.W. Brooker. Rational Design Treatment of Slides in Overconsolidated Clays and Clay Shales. *Can. Geol. Journ.* \*June 1993), 30:3, pp. 526-544.
- (219) Memorial to Ruth Daggett Terzaghi, 1903-1992. *Geological Society of America* (December 1993), pp. 91-92.
- (220) The Coming Age of Soil Mechanics, 1920-1970. *Spencer J. Buchanan Lecture*, Texas; M University (October 22, 1993), 15 pp.
- 7-20 1994
- (221) Use and Abuse of Settlement Analysis. *Proc. Settlement 94*, ASCE Geol. Special Pub. 40, I, pp. 1-7.
- (222) Review: A Dedicated Team Klohn Leonoff Consulting Engineers 1951-1991. *Geot. News* (December 1994), pp. 62-63.

- 7-21 1996  
(224) Contributors to Engineering Judgment, *The Bent of Tau Beta Pi* (Spring 1996), pp. 9-10.
- 7-22 1997  
(225) Reminiscences of an American Geotechnical Engineer Consulting in Canada. *Geotech News* (Special 1997), pp. 54-58.  
(226) Discussion: Defects in Soft Clays: A Challenge to Site Characterization for Stability Analysis. *Journal of Geotechnical and Geoenvironmental Engineering* (November 1997), pp. 1081-1083.  
Gaining Ground. *Civil Engineering* (December 1997), pp. 54-56.

## BOX 8

### J.D. MOLLARD PUBLICATIONS SERIES

- 8-1 With Robert E. Frost.; New Glacial Features Identified by Airphotos in Soil Mapping Program (1946)
- 8-2 "Photo-Interpretation of Transported Soil Materials (1949)
- 8-3 "Airphoto Analysis and Interpretation in Engineering-Geology Investigations (1956)
- 8-4 "Aerial Photographs Aid Petroleum Search (1957)
- 8-5 "Aerial Mosaics Reveal Fracture Patterns on Surface Materials in Southern Saskatchewan and Manitoba (1957)
- 8-6 Locating and Mapping Granular Construction Materials from Aerial Photographs (1958)
- 8-7 "Airphoto interpretation Applied to Highway Engineering in Western Canada (1958)
- 8-8 "Photogeophysics, Its Application in Petroleum Exploration Over the Glaciated Plains of Western Canada (1959)
- 8-9 "How to Use Photos in Pipelining (1959)

- 8-10 "A Bird's Eye View of Construction Planning (1959)
- 8-11 "Guides for the Interpretation of Muskeg and Permafrost Conditions from Aerial Photographs (1960)
- 8-12 "Airphoto Interpretation in Municipal Engineering (1960)
- 8-13 "Ground-Water Investigations (1959)
- 8-14 "Photo-Interpretation Shows Increasing Usefulness (1961)
- 8-15 "Photo Analysis and Interpretation in Engineering-Geology Investigations: A Review (1961)
- 8-16 "Photo Interpretation in Prospecting for Granular Construction Materials (1962)
- 8-17 "A Reconnaissance Appraisal of Ground-Water Potential and Development in Saskatchewan, Canada (1965)
- 8-18 "Applications of Airphoto Interpretation in Hydro-Electric Power Investigations in Western Canada (1966)
- 8-19 "The Role of Photo-Interpretation in Finding Underwater Sources in Western Canada (196-)
- 8-20 "The Role of Photographic Interpretation in Northern Route and Site Surveys (1968)
- 8-21 "Water Its Control, Utilization (1969)
- 8-22 "Photo-Interpretation Studies in the Location of Prairie Groundwater Supplies (1969)
- 8-23 "Applied Remote-Sensing Imagery Systems in Water-Resources Studies (1970)
- 8-24 "Airphoto Terrain Classification and Mapping for Northern Feasibility Studies (1972)

- 8-25 "Earthflows in the Grondines and Trois Rivieres Areas, Quebec: Discussion (1972)
- 8-26 "Airphoto Interpretation of Fluvial Features (1973)
- 8-27 "The Integration of Different Aerial Remote Sensors and Map Data in Making Engineering and Resource Studies (197-)
- 8-28 "Regional Landslide Types in Canada (1977)
- 8-29 "Examples of Different Approaches Taken When Presenting Geological Information to Different Groups of Policy Makers (1979)
- 8-30 "Examples of Erosion and Sedimentation Processes Along Some Northern Canadian Rivers (1980)
- 8-31 "Development of Airborne and Satellite Remote Sensing Applications (1981)
- 8-32 "Using Remote Sensing in Water Resource Studies in Western Canada: Selected Case Histories (198-)
- 8-33 "Subaerial Expressions of Relict Ice Scour Signatures in Different Environments on Mainland Canada (1982)
- 8-34 "Erosion Processes and Sediment Yield in the Upper Oldman River Basin, Alberta, Canada (1982)
- 8-35 "The Origin of Reticulate and Orbicular Patterns on the Floor of the Lake Agassiz Basin (1983)
- 8-36 "Methodology in Northern Routing Investigations - One Consulting Terrain Analyst's Perspective (1984)
- 8-37 "Remote Sensing for Gold in the La Ronge Belt in Northern Saskatchewan (1985)
- 8-38 "Extraordinary Landscape Patterns: A Quest for their Origins (1984)
- 8-39 "Remote Sensing for Oil and Gas Exploration and Development in Saskatchewan (1985)



- 8-40 "Early Regional Photointerpretation and Geological Studies of Landslide Terrain Along the South Saskatchewan and Qu'Appelle River Valleys (1985)
- 8-41 "Shoreline Erosion and Slumping Studies on Prairie Lakes and Reservoirs (n.d.)
- 8-42 Chapter 1 for Proposed "Canadian Peatlands" (1985)
- 8-43 Chapter 2 for Proposed "Canadian Peatlands" (1985)
- 8-44 Preliminary Comparison of Photolineament Sets, Indicated Regional Subsurface Trends and Hydrogeological Effects at Four Petroleum Oilfields in Western Canada (1986)
- 8-45 "Location, Exploration and Production of Gravel Resources in Saskatchewan" (1987)
- 8-46 "Tableland Photolineament Pattern Revisited (1987)
- 8-47 With J.E. McClung, "Predicting Settlement at a Damsite on a Tunnel Valley Deposit in Alberta (1986)
- 8-48 With L.A. Penner, "Photolineament Mapping as an Aid to Oil Exploration in the Lloydminster Region, Saskatchewan and Alberta(1987)
- 8-49 With Robert A. Hodgson and Lynden Penner, Combined Remote Sensing and Surface Geochemical Survey in a Drift-Covered Area in Southern Saskatchewan (198-)
- 8-50 "Fracture Lineament Research and Applications on the Western Canadian Plains (1988)
- 8-51 With L.A. Penner, Petroleum Exploration and Potash Mine Development Studies Using Integrated Photolineament, Geologic, Geochemical and Geophysical Data Analysis (1989)
- 8-52 With L.A. Penner, "Correlated Photolineament and Geoscience Data on Eight Petroleum and Potash Study Projects in Southern Saskatchewan (1991)

8-53 With Paul Zokicki and Tim Adelman, Some Geological, Groundwater, Geotechnical and Geoenvironmental Characteristics of the Regina Area, Saskatchewan, Canada: A Summary (1996)

8-54 "Ice-Shaped Ring Forms in Western Canada: Their Airphoto Expressions and Manifold Polygenetic Origins (199-)

BOX 9

KARL TERZAGHI PUBLICATIONS SERIES (cont.)

9-1 Lecture Notes – Engineering Geology 260 – Harvard University 1959 – by Walter R. Ferris and Karl Terzaghi (1959) [3 folders]

Karl von Terzaghi, Winchester, MA. 2,981 likes · 3 talking about this. "Do not design on paper what you have to wish into the ground" - KvT. "once a theory appears on the question sheet of a college examination, it turns into something to be feared and believed, and many of the engineers who were benefited by a college education applied the theories without even suspecting the narrow limits of their validity." -KvT. Karl von Terzaghi updated their profile picture. 10 September 2014 · See all. Semantic Scholar profile for Karl Terzaghi, with fewer than 50 highly influential citations. Ensure your research is discoverable on Semantic Scholar. Claiming your author page allows you to personalize the information displayed and manage publications. Erdbaumechanik auf bodenphysikalischer Grundlage. Karl Terzaghi. Terzaghi's theory of consolidation, and the discovery effective stress of Compiled from the work of K . Terzaghi and A . W. Skempton by C. R. I. Clayton, H. Miiller Steinhagen and W. Powrie z;2;t; (More).