

1. Reference skills

Here is a list of topics and bibliography references. **Scan the bibliography** and decide which references are, in your opinion, to yield¹ information on each of the topics showed. **Note down your answers and reply orally** (if possible). **Is there any particular reason for them?**

- Topics:
1. Water pollution
 2. Estimation of the accuracy
 3. Map Production
 4. Soil compressibility and settlement
 5. Shape and Size of the Earth

Bibliography:

- a) Maslov, A.V., Gordeev, A.V. and Batrakov, Y.G. (1984). *Geodetic Surveying*. Mir Publishers. Moscow. It is an introduction which should enable a student independently to perform all the major types of field survey work on a limited area involving: the construction of a geodetic network; preparation of profiles, etc.
- b) Campbell, J. (1984). *Introductory Cartography*. Prentice Hall. New Jersey. The book is conceived as the text for a general, introductory course in cartography - the type of course that is a vital component of many undergraduate geography programs.
- c) Wilford, H.M. (1981). *The Mapmakers*. Alfred A. Knopf. New York. A non-technical history of cartography that includes a description of the expeditions to Lapland and Peru to verify the flattening of the earth at the poles.
- d) Chorley, R.J. (1969). *Introduction to Geographical Hydrology*. Methuen. This paperback² is concerned with the interactions between water occurrence and human activity (world's water inventory, rain-making, use of groundwater, human use of rivers and choice in water use).
- e) Whitlow, R. (1983) ed. 1990. *Basic Soil Mechanics*. Longman Scientific & Technical. Essex. This book is intended as a main text in the basic theory and principles of soil mechanics in the fields of building and civil engineering. It is assumed that the reader will have a basic grounding of mathematics and science, particularly basic mechanics.
- f) Hirvonen, R.A. (1979). *Adjustment by Least Squares in Geodesy and Photogrammetry*. Frederick Ungar Publishing Co. New York. The original Finnish edition has been translated by the author and revised by him for English-reading students to demonstrate practical applications of the principle of least squares.

¹To yield information: to deliver, to offer information

²Paperback: a book with paper cover