

Books — by, about, or of interest to Caltech people

No PLACE To Go
Effects of Compulsory Relocation on Navajos

by *Thayer Scudder*

Institute for the Study of Human Issues \$17.50

The compulsory relocation of over 5000 Navajos and up to 90 Hopis was mandated in 1974 by Public Law 93-531. In 1978 the Navajo-Hopi Land Dispute Commission of the Navajo Nation asked that the Institute for Development Anthropology make a study of the human and economic costs for the Navajos of such a relocation. That study was carried out under the direction of Thayer Scudder, professor of anthropology at Caltech.

Scudder is a recognized authority on relocation and settlement of rural populations in many parts of the world — an expensive and emotionally unsettling

process even under the best of circumstances. He is the senior author of this book, which describes the findings in this particular case. The book also provides photographs, figures and tables, maps, appendixes, references for further study, and an index.

PROJECT EVALUATION IN THE CHEMICAL PROCESS INDUSTRIES

by *J. Frank Valle-Riestra*

McGraw-Hill Book Company . . . \$31.50

Alumnus J. Frank Valle-Riestra (BS '48 in chemistry, MS '49 in chemical engineering) is now senior associate scientist in Dow Chemical's western division. He is also an adjunct professor at UC Berkeley. In this book he uses both of those experiences to provide a text for a course in project evaluation, plant design, and senior design. His goal is to provide students with insight into how to

apply acquired project evaluation tools, along with what they have learned in academic disciplines, to "real world" industrial situations. The time value of capital investments, for example, is explained in terms of quantified risk and past corporate performance, and the mathematics of finance are presented as a straightforward extension of techniques acquired in earlier mathematics courses. The professional development of engineers is examined in the context of the early assumption of project management responsibilities in industry. Marketing research is presented as a discipline that is subject to quantitative analysis.

The book's approximately 400 problems are typical to the industrial environment and offer students practice in problem-solving techniques. There are also 10 to 20 worked examples in each chapter, case studies, exercises, photographs, and bibliographies.