

SURVEY METHODOLOGY AND SAMPLING TECHNIQUES

(an introduction to survey sampling)

COURSE LEADER	Paul-André SALAMIN (Swiss Federal Statistical Office - OFS)
OBJECTIVE(S)	To familiarize the participants with the fundamental principles and the main methods of survey sampling. Emphasis is given to their applications in existing surveys.
TRAINING METHODS	The course is based on lectures and practical exercises. Most of the exercises use computers and the SAS Enterprise Guide software.
TARGET GROUP	The course is meant for staff using sample survey techniques in the production of statistics.
ENTRY QUALIFICATIONS	Sound command of English. ▪ University degree or equivalent education and training level ▪ Basic knowledge of statistics
EXPECTED OUTPUT	Basic understanding of the fundamental principles and the main methods of survey sampling.
CONTENTS	▪ Basic Concepts of Survey Sampling ▪ Simple Random Sampling ▪ Use of auxiliary information ▪ Stratified, Cluster and Multi-Stage Sampling ▪ Ratio and Regression Estimators ▪ Post stratification and Calibration ▪ Introduction to the problem, the effects and the treatment of non-response
TRAINER(S) / LECTURER(S)	• Anne RENAUD (OFS) • Guillaume CHAUVET (INSEE – FR) • Eric LESAGE (INSEE – FR) • Daniel KILCHMANNnn (OFS)
REQUIRED READING	None
SUGGESTED READING	Basic introduction to sampling theory
REQUIRED PREPARATION	None
REQUIRED EQUIPMENT	Hand held calculator

PRACTICAL INFORMATION

WHEN	DURATION	WHERE	LANGUAGE	APPLICATION
25-28 November 2008	4 days	Office Fédéral de la Statistique Espace de l'Europe 10 Neuchâtel Switzerland	English	By 11 September 2008