

IGeS Bulletin N. 12

Summary

Foreword (F. Sansò) Page 1

I section: "Reviewed Papers"

Evaluation of Geoid Models and Validation of Geoid and GPS/Leveling Undulations in Canada
(G.S. Vergos, M.G. Sideris) Page 3

Airborne Gravity Survey of Greenland's Continental Shelf
(A.V.Olesen, R.Forsberg, K. Keller) Page 18

Determination of the Achievable Accuracy of Relative GPS/Geoid Levelling in Northern Canada
G. Fotopoulos, C. Kotsakis, M.G. Sideris Page 29

Aliasing Effects in Terrain Correction Computation
Using Constants and Lateral Density Variation
(S. Bajaracharya, C. Kotsakis, M.G. Sideris) Page 38

Developing and testing the ellipsoidal gravity model manipulator ELGRAM
(G. Sona) Page 48

A Note on the Molodensky G₁ Term
(A. Amod, C. L. Merry) Page 52

A Simple method to Improve the Geoid from a Global Geopotential Model (or Coarse Geoid Estimation Using only the Innermost Zone Contribution of Stoke's Formula)
(W.E. Featherstone) Page 81

A geomatia approach to local geoid computation
(L. Biagi, M.A. Brovelli, M. Negretti) Page 91

II Section : "Communications and News"

School Page 100

Activities related to height system in South America Page 103