International Association of Geodesy

TRAVAUX
Volume 38

Reports 2011 – 2013

Edited for the IAG Scientific Assembly
Potsdam, Germany
September 1-6, 2013

Editors: H. Drewes, H. Hornik
IAG Office at
Deutsches Geodätisches Forschungsinstitut
Alfons-Goppel-Str. 11
80539 München, Germany
E-mail: iag@dgfi.badw.de
Webpage: http://iag.dgfi.badw.de
Contents

Introduction
Commission 1 – Reference Frames
Commission 2 – Gravity Field
Commission 3 – Earth Rotation and Geodynamics
Commission 4 – Positioning and Applications
Inter-Commission Committee on Theory (ICCT)
Communication and Outreach Branch (COB)
Global Geodetic Observing System (GGOS)
Bureau International de Poids et Mesures (BIPM)
International Altimetry Service (IAS)
International Centre for Earth Tides (ICET)
International Centre for Global Earth Models (ICGEM)
International Digital Elevation Model Service (IDEMS)
International DORIS Service (IDS)
International Earth Rotation and Reference Systems’ Service (IERS)
International Geoid Service (IGeS)
International GNSS Service (IGS)
International Gravimetric Bureau (BGI)
International Gravity Field Service (IGFS)
International Laser Ranging Service (ILRS)
International VLBI Service for Geodesy and Astrometry (IVS)
Permanent Service for Mean Sea Level (PSMSL)
Developing Countries Report
Journal of Geodesy (JoG)
IAG Symposia Series
IAG Secretary General Report
Introduction

The reports of the International Association of Geodesy are published regularly since 1923 (Tome 1). They were called “Travaux de la Section de Géodésie de l’Union Géodésique et Géophysique Internationale” in the first years. In 1938 the name was changed to “Travaux de l’Association de Géodésie”. They were published on the occasion of the IUGG General Assemblies, which were held every three years until 1963, and since then every four years. These volumes serve as a comprehensive documentation of the work carried out during the past period of three or four years, respectively. The reports were published until 1995 (Volume 30) as printed volumes only, and since 1999 (Volume 31) in digital form as CD and/or in the Internet.

Since 2001 there are also midterm reports published on the occasion of the IAG Scientific Assemblies in between the General Assemblies. Usually they are presented before the Assembly to the IAG Executive Committee (EC) and are discussed in the EC meetings in order to receive and give advices for the future work. The present Volume 38 contains the midterm reports of all IAG components for the period 2011 to 2013 and is presented at the IAG Scientific Assembly in Potsdam, Germany, September 1-6, 2013.

The editors thank all the authors for their work. A feedback of the readers is welcome. The digital versions of this volume as well as the previous ones since 1999 may be found in the IAG Office homepage (http://iag.dgfi.badw.de). Printed versions are available on request.

Hermann Drewes
IAG Secretary General

Helmut Hornik
Assistant Secretary