

Precision Observations of Vertical Land Motion at Tide Gauges

Intergovernmental Oceanographic Commission of UNESCO

Room XIII (Bonvin)
(UNESCO Miollis Building)

Background

The workshop is expected (i) to discuss and document the important applications of vertical land motions rates at tide gauge locations; (ii) to evaluate and document the state of the art in providing these rates, and discuss what is necessary to further improve these analyses; (iii) to document the present spatial coverage afforded by tide gauges that already have precise vertical land motion rates and attempt to prioritize future expansions of the network.

The workshop stems from recommendations coming out of (i) the WCRP Workshop "Understanding Sea Level Rise and Variability" (5-9 June 2006, Paris), (ii) a follow-up action item from the 10th session of the GLOSS GE X meeting (6-8 June 2007, Paris), and (iii) a brief splinter meeting on the subject convened at the European Geophysical Union meeting (Vienna, 17 April 2008).

The planning and steering committee for the workshop consists of: Gary Mitchum (Chair) (University of South Florida, USA) Rui Fernandes (University of Lisbon, Portugal) Tilo Schoene (GeoForschungsZentrum Potsdam (GFZ), Germany) Guy Wöppelmann (University of La Rochelle, France) Simon Williams (Proudman Oceanographic Laboratory, United Kingdom) Thorkild Aarup (IOC).

Workshop format

The aim is to have a discussion-oriented workshop, and avoid the standard 15-minute scientific conference talk followed by a question or two. For a typical 1.5 hour session the session leaders will either give or invite two 20-minute review talks that pose the important questions. Following each talk there will be 10 minutes for questions. Each session will conclude with a 30-minute discussion session involving the panelists and the audience.

While we are committed to the basic format of one or two overview talks for each session, with the bulk of the time left for discussion, participants are encouraged to present their work to the appropriate session leaders for inclusion in the overview. We also invite you to volunteer as a panelist in a session that is of particular interest to you. Finally, please note that on Wednesday 13 May 2009, in parallel with the GLOSS Group of Experts meeting, there will be a follow-on TIGA splinter meeting that will be organized by Tilo Schöne and Guy Wöppelmann, and additional short presentations can be made there. Please contact Tilo Schöne (E-mail: tschoene@gfz-potsdam.de) about the splinter meeting.

Concerning the panelists, these people are yet to be identified. It is the intention of the steering committee to choose panelists from the final list of attendees, but if you would like to serve as a panelist, please let the chair of the steering committee us know and we will do our best to accommodate you.

On behalf of the steering committee,

Thorkild Aarup Gary Mitchum