

Report

(for time span: June 2007 to November 2008)

CoSOI Working Group for the elaboration of the

Second (website) Edition

of the

IASPEI New Manual of Seismological Observatory Practice (NMSOP_2)

Prior to and at the IASPEI2007 Perugia meeting several (co-)authors of the first edition very much welcomed the proposed upgrading and implementation of NMSOP_2 as a globally free accessible permanent website at the ISC and the GFZ Potsdam. However, the originally planned re-installation of a fully active WG already at Perugia could not be achieved. It took the chairman months of time with repeated e-mail invitations and topical proposals, complemented by personal talks, before a clear structure of the NMSOP_2 contents and a committed team of authors evolved literally in the last week of November 2008. All what could be achieved during the past 17 months is presented below as:

1. abridged list of contents for Vol. 1 with the names of committed authors (attached Table 1);
2. listing of all complementary materials contained in Vol. 2 that have been essentially modified or are completely new (attached Table 2). **Note:** Most of these proposals have been discussed so far with the concerned or envisaged (?) authors only in a preliminary way, some of them not yet at all. They will be negotiated in detail early 2009.
3. lists of contents of completely new or heavily modified Chapters (Annexes 1-3).

CoSOI may publish these preliminary lists as part of its Cape Town report and invite expert comments or proposals for complementary contributions to NMSOP_2 by interested scientists or technicians. Such moves should be addressed to the WG chairman (pb65@gmx.net).

It is expected that NMSOP_2 will have some 400 pages (+30%) new or significantly modified pages of text and figures. Additionally, the web-edition will, when properly maintained and developed by the website hosts, allow immediate access to a diversity of related external data bases, tutorials, interactive training material etc. Respective links will be proposed by the authors but have to be realized by the website hosts.

The WG members and other associated committed contributors/authors have agreed to the WG goals and time schedule as proposed by the chairman under the points 1.-3. of the Work Plan outlined below. Points 4.-8., however, will be in the responsibility of the chairman and editor, the website-hosts of NMSOP_2 (ISC in Newbury and GFZ Potsdam), and of CoSOI. The website-implementation at tests at the ISC and the GFZ have to be realized in close contact with the editor and, when required, with the authors.

Work Plan of the CoSOI WG NMSOP_2 for the time span 2009-2011

1. 1st drafts of revised or new chapters/complementary materials ready for revision by the chairman and external peer reviewers September 2009
2. End of the external review process December 2009

- | | |
|--|----------------|
| 3. Revision of manuscripts by the authors | April 2010 |
| 4. Structuring, compilation and linking of all contributions by the chairman and editor | September 2010 |
| 5. Tentative installation and mutual (still internal) linking of the ISC and GFZ Manual websites; allocation of doi numbers to all articles | December 2010 |
| 6. Selection, completion and testing of all suitable links to complementary external data sources and tutorials; addition of late but highly relevant new guidelines, standards, software etc. | May 2011 |
| 7. Demonstration of the NMSOP_2 by the editor at the IUGG/IASPEI General Assembly 2011, final approval by CoSOI | July 2011 |
| 8. Full accessibility of NMSOP_2 on the ISC and GFZ websites | September 2011 |

Note: For some special contributions on important test results individual deadlines for initial submission and final completion by summer 2010 at the latest can be negotiated.

The following colleagues agreed to be appointed as members of the NMSOP_2 WG:

Peter Bormann, Germany (Chairman)
 George Choy, USA
 Gary Gibson, Australia
 Klaus-Dieter Klinge, Germany
 Roger Musson, UK
 Lars Ottemöller, UK
 Stefano Parolai, Italy (GFZ, Germany)
 Joachim Saul, Germany
 Johannes Schweitzer, Norway
 Masano Shinohara, Japan
 Joachim Wassermann, Germany

The WG in its current composition intends to end its work at the time of the IUGG 2011.

It is expected, that the NMSOP_2 in its easy to link and update electronic form with global accessibility via Internet will from then onward become a permanent priority topic for surveillance, maintenance and up-dating by the younger generation of activists in the IASPEI CoSOI. This should be accomplished in close collaboration with the website hosts. Only thus it can be assured that station operators, data producers and users as well as seismological data centres at national, regional and global level will have assured up-to-date competent guidance and support under the auspices of IASPEI. This will enable them to carry out their work in accordance with the state-of-the-art, internationally agreed recommendations and standards, newly developed tools and procedures, as well as changing research priorities and requirements. Further, CoSOI should keep in mind, that the NMSOP is already in its current form an educational and tutorial OUTREACH resource of IASPEI that is extensively used world-wide. This kind of usage will significantly grow with the new contents and features that NMSOP_2 will offer.

The WG requests the authorization by CoSOI to carry out its work in accordance with the aims, planned deliverables and within the time frame outlined above.

Peter Bormann
 Chairman
 WG NMSOP_2

Kleinmachnow, December 2, 2008