

Call for Nominations for EUREF Technical Working Group Members

Deadline: May 15, 2008

Dear colleagues,

The EUREF Technical Working Group (TWG) is seeking nominations for candidates for four new positions on the TWG.

The EUREF TWG meets three times a year to manage current EUREF activities. The new TWG members will enlarge the expertise of the TWG in a specific field (see below) and will take part in the scientific, management and outreach activities of the EUREF TWG.

The TWG positions are opened for a term of 4 years, and are renewable once.

The TWG is inviting experts in the following domains:

1. GNSS (GPS/GLONASS/GALILEO)

The European Permanent Network (EPN) presently develops from a GPS- to a Multi-Satellite-Network (GNSS). Some EPN Analysis Centers are already contributing with products derived from a combined analysis of GPS and GLONASS observations. Within the next years the GALILEO satellite system will be established as an additional basis for the reference frame realization in Europe. An expert in the field GNSS should bring knowledge into the Technical Working group with respect to the following topics:

- GNSS station setup
- Analysis of GNSS observations (post-processing or real-time)
- Planned GALILEO infrastructure (frequencies, measurement types)
- Provision of GNSS data of first experimental Galileo/GNSS test receivers

2. Reference Systems

EUREF is responsible for the maintenance of the European Terrestrial Reference System, ETRS89. With the broad use of GNSS for navigation, location-based services as well as for the production of geo data in the common European reference, the ETRS89 datum increasingly replaces the national Coordinate Reference Systems. EUREF promotes the usage of a modern regional system and has engaged itself to assist institutions which are willing to go in the same direction, e.g. NMAs with conventional 2D systems , AFREF.

An expert in the field of reference systems should bring knowledge into the Technical Working Group with respect to the following topics:

- Realization of regional and global reference systems integrating different space geodetic observation techniques, like GNSS, VLBI, SLR, DORIS
- Connection of national, regional and global reference frames
- Transition from conventional 2D to 3D reference systems

3. GGOS and combination of geometrical and gravity techniques

The European Combined Geodetic Network (ECGN) Project aims at the establishing a network of geodetic references with permanent or repeated

observations with different geodetic techniques. These co-located measurements allow to link geometric and physical quantities. EUREF expects to contribute with the ECGN to the IAG Project GGOS (Global Geodetic Observing System).

An expert for this item should:

- Have a knowledge of integration of different geodetic techniques
- Be capable to establish a strong link between EUREF/TWG and the GGOS structure as well as with national scientific and operational geodetic infra-structures

4. Member at large

EUREF represents the interests of European scientific and administrative organizations like universities and NMA's in the field of geodesy and more specifically with respect to European reference frames. The *Member at Large* shall balance geographical and member country representations. Candidates shall cover with their expertise the main items of EUREF and the Technical Working Group.

Nomination Procedure

Candidates are nominated by institutions or agencies involved in EUREF. These institutions can be the candidate's own institution, but also others. The nomination consists of a letter outlining the candidate's potential contribution to the TWG with respect to the chosen expertise. Once proposed, the candidate shall provide his/her curriculum vitae together with a support letter from his/her agency to the Nomination Committee.

All documents should be sent to the Chair of the Nomination Committee (C.Bruyninx@oma.be) and this not later than **May 15, 2008**.

Election Procedure

For each position, the two candidates with the most nominations will be proposed for election to the plenary at the EUREF2008 symposium in Brussels (June 18-21, 2008). Each candidate proposed for election at the EUREF symposium will be invited to give a presentation at the Symposium related to their expertise.

Best regards,

The EUREF TWG Nomination Committee

C. Bruyninx, E. Brockmann, H. Hornik, J. Ihde, J. Torres