

Goals and Activities of the EUREF Technical Working Group 2016-2017

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CHAIR OF THE EUREF TWG



EUREF 2017 Symposium

WROCLAW May 17-19, 2017

A satellite-style map of Europe with city codes overlaid. The codes include: ZIMM00CHE, DELF00NLD, WROC00POL, POT00DEU, FLRS00PRT, OSLS00NOR, TUB000CZE, MARS00FRA, GRAZ00AUT, and KLOP00DEU. The map shows city lights and geographical features.



TWG HIGHLIGHTS 2016-17

- MEMBERSHIP CHANGES
- UPDATE OF THE TERMS OF REFERENCE
- ETRS89 REALIZATION IN THE LIGHT OF IGS14
- EPN, EPNCB
- WORKING GROUPS
- EPOS AND MORE

TWG MEMBERSHIP

MEMBERS:

Carine Bruyninx, ROB, Brussels	Ambrus Kenyeres, Budapest (Chair)
Elmar Brockmann, SWISSTOPO, Bern	Martin Lidberg, Lantmateriet, Gävle
Alessandro Caporali, UNI Padova	Rosa Pacione, E-GEOS, Matera
Rolf Dach, UNI, Bern	Markku Poutanen, FGI, Helsinki
Jan Dousa, GOP, Prague	Wolfgang Söhne, BKG, Frankfurt
Rui Fernandes, UBI, Covilhã	Tomasz Liwosz, WUT, Warsaw Karolina Szafranek, MUT, Warsaw
Heinz Habrich, BKG, Frankfurt	Guenter Stangl, BEV, Vienna

HONORARY MEMBERS (FORMER EUREF OFFICERS)

Zuheir Altamimi, Paris	Johannes Ihde, Potsdam
Helmut Hornik, Munich	João Agria Torres, Lisbon

TWG HIGHLIGHTS 2016-17

→ **MEMBERSHIP CHANGES**

→ **REFERENCE FRAME COORDINATOR**

→ **HEIGHTS**

→ UPDATE OF THE TERMS OF REFERENCE

→ ETRS89 REALIZATION IN THE LIGHT OF IGS14

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Juliette Legrand, ROB, Brussels	Martina Sacher, BKG, Leipzig

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TWG HIGHLIGHTS 2016-17

- MEMBERSHIP CHANGES
- **UPDATE OF THE TERMS OF REFERENCE**
 - **RESOLUTION FROM 2016 REQUESTED**
- ETRS89 REALIZATION IN THE LIGHT OF IGS14
- EPN, EPNCB
- WORKING GROUPS
- EPOS AND MORE

TERMS OF REFERENCE

Resolution No. 2., San Sebastián, 2016

The IAG Reference Frame Sub-commission for Europe (EUREF)

recognising the importance of having concise and up-to-date EUREF Terms of Reference

and considering that the last update of the EUREF Terms of Reference was in 2008

requests the EUREF Technical Working Group thoroughly review the existing Terms of Reference and formulate a revised draft in time for the EUREF 2017 symposium

CHANGES CONCERN MEMBERSHIP, VOTING AND NAMING

TWG HIGHLIGHTS 2016-17

- MEMBERSHIP CHANGES
- UPDATE OF THE TERMS OF REFERENCE
- **ETRS89 REALIZATION IN THE LIGHT OF IGS14**
 - **EPN MULTIYEAR SOLUTION BASED ON IGS14**
 - **ETRS89 QUESTIONNAIRE**
- EPN, EPNCB
- WORKING GROUPS
- EPOS AND MORE

TWGW HIGHLIGHTS 2016-17

- MEMBERSHIP CHANGES
- UPDATE OF THE TERMS OF REFERENCE
- ETRS89 REALIZATION IN THE LIGHT OF IGS14
- **EPN, EPNCB**
 - **NEW EPN WEBPAGES**
 - **ENHANCED STATION PERFORMANCE CHECKING**
- WORKING GROUPS
- EPOS AND MORE

TWG HIGHLIGHTS 2016-17

- MEMBERSHIP CHANGES
- UPDATE OF THE TERMS OF REFERENCE
- ETRS89 REALIZATION IN THE LIGHT OF IGS14
- EPN, EPNCB
- **WORKING GROUPS**
 - MULTI-GNSS
 - **STATION VELOCITY RELATED ACTIVITIES**
- EPOS AND MORE

STATION VELOCITY RELATED WGs

- Working Group on "Deformation Models"
Since 2012, chaired by Martin Lidberg
Target: velocity model from EPN Densification
- Working Group on EPN Densification
Since 2015 (but work started in 2010)
Chaired by Ambrus Kenyeres
Target: homogeneous POS&VEL solution based on rigorous combination of national weekly SINEX solutions
- Working Group on Dense Velocity Fields
From 2017, chaired by Elmar Brockmann
Target: alternative approach to combine national level velocity products

TWG HIGHLIGHTS 2016-17

- MEMBERSHIP CHANGES
- UPDATE OF THE TERMS OF REFERENCE
- ETRS89 REALIZATION IN THE LIGHT OF IGS14
- EPN, EPNCB
- WORKING GROUPS
- **EPOS AND MORE**
 - **EUREF MEMBERS PARTICIPATE IN EPOS GOVERNING**
 - **EUREF CONTRIBUTE TO EPOS PRODUCT GENERATION**
 - **NATIONAL LEVEL EPOS ACTIVITIES**