

UN resolution - Global Geodetic Reference Frame and the development of a Roadmap

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United Nations Initiative on
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"Positioning geospatial information to address global challenges"

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First geospatial UN resolution



General Assembly, 26 February 2015

Photo: Kyoung-Soo Eom



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A unique opportunity for geodesy

”The momentum the adoption of the UN resolution has created will position the global geodetic community well for the complex task ahead, developing a roadmap for GGRF enhancement.”

Gary Johnston, co-chair
UN-GGIM/GGRF Working Group



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”To benefit People and Planet”



RESTLESS EARTH

<https://vimeo.com/89695290>



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GGRF UN Resolution: Key objectives

- Develop a global geodetic roadmap for the GGRF
- Global cooperation in providing technical assistance in geodesy for those countries in need to ensure the development, sustainability and advancement of a GGRF
- Implement open geodetic data sharing
- Improve and maintain national geodetic infrastructure
- Enhanced multilateral cooperation that addresses infrastructure gaps and duplications globally
- Improved Outreach to make the GGRF more visible and understandable to society



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A significant response rate to GGRF survey



Photo: Anne Jorgensen



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Survey conclusion: Global cooperation is key

- A joint international governance effort is needed in order to meet the objectives of the GGRF resolution



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A roadmap for the enhancement of geodesy

- Governance
- Infrastructure
- Policy, standards and conventions
- Education, training and capacity building
- Communication and outreach



Photo: Andrick Lal, SPC, Fiji



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Communicate GGRF

Hjem Varsler Meldinger

Sok på Twitter

89 TWEETS 369 FØLGER 160 FØLGERE 28 FAVORITTER

Rediger profil

UNGGRF
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UN-GGIM Global Geodetic Reference Frame (GGRF) Working Group. Recognizes growing demand for positioning service, GGRF and global cooperation within geodesy.

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8 bilder og videoer

UNGGRF @UNGGRF · 1 t

"Looking forward to seeing this #GGRF roadmap", says Peni Suveinakama, Fiji UN mission @UNGGIM #ggim5 Side event.

Folk å følge · Oppdater · Vis alle

- Maria Cabello @mjcabello Følg
- Bill Oates @wpoates1 Følg
- simon wheeler @simonwhe... Følg

Finn venner

Trender · Endre



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Way forward for the GGRF roadmap

- Outcomes described by UN General Assembly resolution are included
- Involvement of UN-GGIM regions and consultation with IAG, FIG, GEO, CEOS in progress
- Draft be sent out for comments
- WG to combine feedback and build cohesive document
- Roadmap deadline in May 2016
- Final roadmap endorsed at the UN-GGIM 6th session in early August 2016



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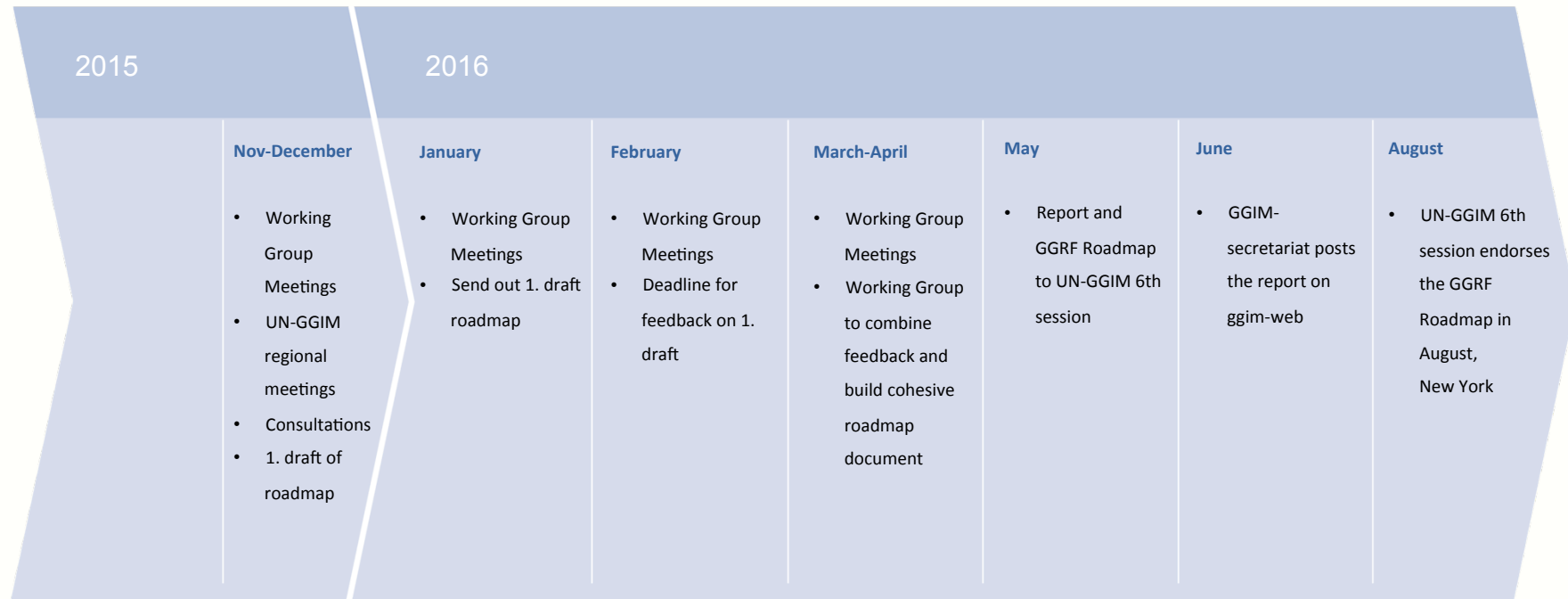
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Timeline 2015 - 2016

November 2015 - August 2016



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Opportunity ahead!

- We need GGRF ambassadors to take an active part in developing the roadmap
- Your input towards a final roadmap in May 2016 is of great value to make the GGRF more visible and understandable to society
- The momentum to position the importance of the global geodetic reference frame in society is now
- This is our opportunity to achieving a sustainable GGRF



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