# Upcoming Deliverables & Action Items

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**EGSIEM General Assembly**
**University of Bern**
**January 19 – 20, 2017**

# Upcoming Deliverables

EGSIEM
European Gravity Service for Improved Emergency Management

| Deliverable (number) | Deliverable name | Work package number | Short name of lead participant | Type | Dissemination level | Delivery date |
|---|---|---|---|---|---|---|
| 5.2 | NRT service product report | 5 | GFZ | R | PU | M27 |
| 5.4 | Regional solution product report | 5 | GFZ | R | PU | M27 |
| 6.1 | Hydrological Service Product Report | 6 | GFZ | R | PU | M30 |

# Upcoming Milestones

| Milestone number | Milestone name | Related work package(s) | Estimated date | Means of verification |
|---|---|---|---|---|
| 1 | Finalisation of Processing Standards | WP 3 | 2 | D2.1 is available |
| 2 | Implementation and preparation Review | WP 2,3,5 | 10 | Implementation and preparation work finished, T2.2, T3.1, T3.2 finished, T5.2 and T5.4 implementations finished |
| 3 | Service Readiness | WP4,5,6 | 18 | Scientific, NRT and Hydrological service set up, T4.1, T5.1 finished, T5.2 and T5.4 ready for service run |
| 4 | Operational NRT Service Readiness | WP5,6 | 27 | Preparation work for operational NRT service finished |
| 5 | Final Review | WP 1-7 | 36 | All work packages finished |

# Action Items Status

**Action Item Status List (open and new AI's)**

| A.I. | Originator | Actionee | Action Description | Due Date | |
|------|-----------|----------|--------------------|----------|---|
| 006 | EGSIEM | WP Managers | Collect ideas for paper topics to set up a publication plan | Continuous | |
| 017 | EGSIEM | TUG | TMG to provide a plan for the removal or restoration of background models | 02.06.2016 | ✔ |
| 018 | EGSIEM | UBERN | SLR processing standard text will be added to Deliverable 2.1 | 02.06.2016 | |
| 019 | EGSIEM | UBERN | UBERN to draft a plan on how to incorporate SLR data and how to welcome new contributors. | 02.06.2016 | ✔ |
| 020 | EGSIEM | UL | Submission plan to be created for dedicated sessions at conferences (see Task 7.5) | 31.3.2016 | ? |
| 021 | EU/EGSIEM | UBERN | Present work undertaken on DOI numbers (at UBERN & GFZ) and draft Data Plan. | 20.01.2017 | ✔ |

# AI #018 & #019

- Sub-group on SLR activities with new Associated Members has been established (led by M. Blossfeld).
- Dedicated splinter meeting will be held today

| 5a | 16:00 | Blossfeld | EGSIEM SLR/DORIS Processing Standards |
| --- | --- | --- | --- |
| | *Splinter Group Meeting* | | Exakte Wissenschaft Building<br>Room 216, 2nd Floor<br>Sidlerstrasse 5<br><br>- M. Blossfeld<br>- K. Sosnica<br>- D. König<br>- A. Grahsl |

# AI #018 & #019

- Status will be reported tomorrow by M. Blossfeld.

| 8 | 11:45 | All | | **Associate Member Presentations** <br><br> • Combined SLR-derived gravity fields for EGSIEM (MB) |
|---|---|---|---|---|

# AI #021

- Products of the CODE Analysis Center of the IGS are meanwhile referenced by DOI numbers that are assigned by the Bern Open Repository and Information System (BORIS) maintained by University of Bern

  Example:
  http://www.bernese.unibe.ch/publist/publist_code.php

- Similar procedures are probably offered by other institutions/ universities as well

# Action Item Status

| 022 | EGSIEM | GFZ/FF | Consortium to be informed about the future generation of L3 products at the next GRACE user meeting. | 31.10.2016 | |
|-----|--------|--------|----------------------------------------------------------|------------|---|
| 023 | EGSIEM | TUG | Data collection exercise comparing simplified monthly GRACE day calculation (Monthly Mean comparison) | 30.06.2016 | |
| 024 | EGSIEM | AIUB | Secure EGSIEM Competition URL | 30.06.2016 | |

# AI #023

Figures from e-mail sent by A. Kvas on 9 Dec 2016
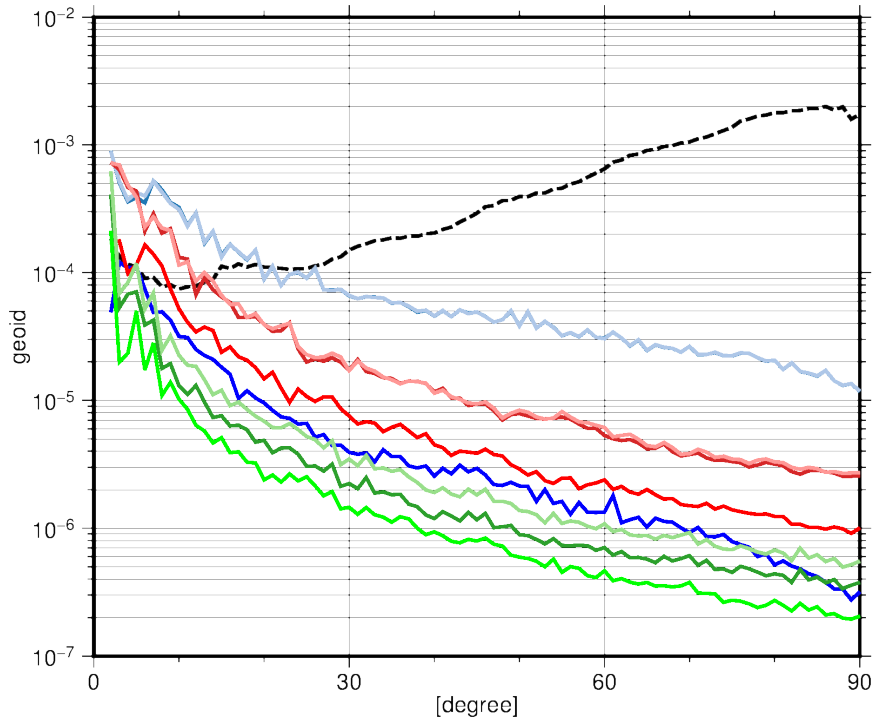
Legend:
- ITSG–Grace2016 2004–01
- gravity background (monthly)
- gravity background (14d)
- gravity background diff(month
- AOD1B (monthly)
- AOD1B (14d)
- AOD1B diff(14d, monthly)
- EOT11a (monthly)
- EOT11a (14d)
- EOT11a diff(14d, monthly)

grid: min=−8.46183, max=9.76856, mean=0.0003362, rms=1.46251
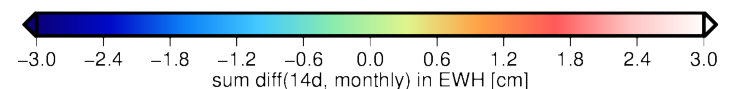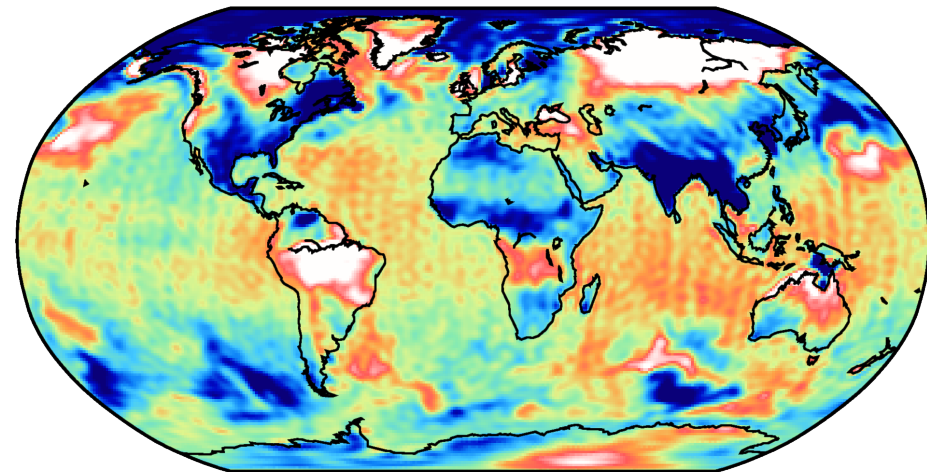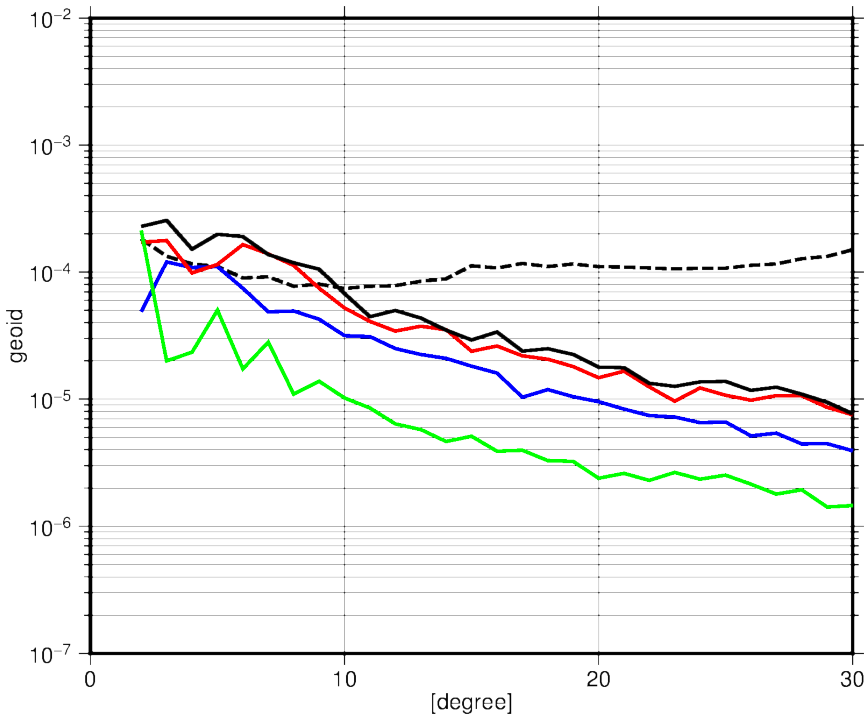
sum diff(14d, monthly) in EWH [cm]

The difference between all background models (tidal and non-tidal) is larger than 3cm EWH in some regions, and also exceed the formal errors below degree 10. Since the differences are not negligible, the discussion should focus on the strict definition of the EGSIEM solutions.
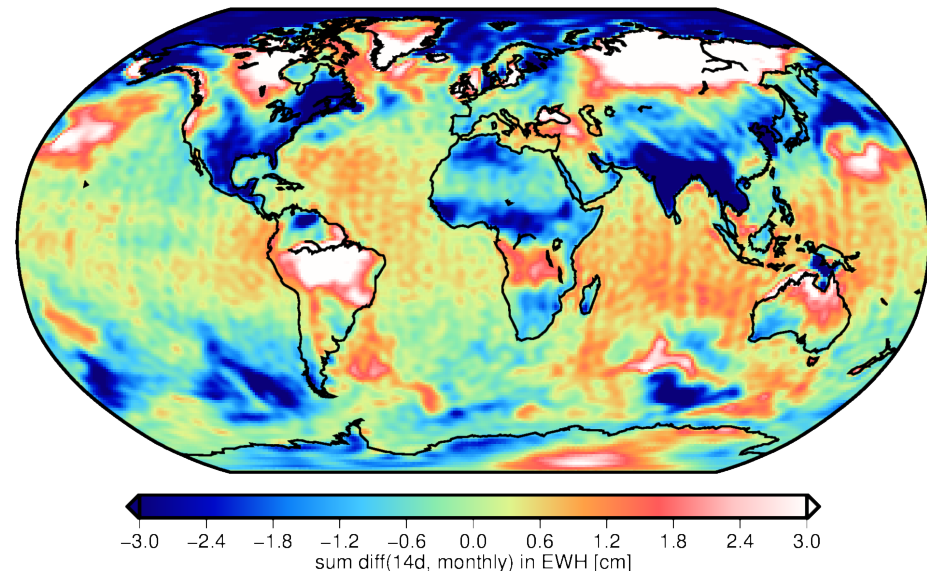
# AI #023



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- EOT11a diff(14d, monthly)
- sum diff(14d, monthly)

Figures from e-mail sent
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