Workshop summary

Seed questions and things worth noting
What works well

- geodesists and geophysicists meet & talk - first time together!
- eye-openers for all, pro-active discussions
- community is growing (80 participants)
- GOCE is gradually gaining presence in upper level geodynamics, and even for mantle studies
Key questions

☐ Is there a real benefit from using GOCE? In what areas? Can the benefit be quantified?

☐ Consensus on data processing (e.g. Bouguer, topo)?

☐ Is more information from geodesists or from ESA needed?

☐ Uncertainty about the data content?

☐ What are the problem areas/obstacles?
Global models vs gradients

- why use gradients at all?
- could gradients be obtained/provided directly from global models (at grid size & altitude of choice)?
- recommended to use observed gradients at altitude where they are measured?
Products & tools

- Unclear if there is a real need for geophysical tools in the Toolbox
- If yes, for research or for education?
- Gradients from GOCE alone not easy to use, due to low-frequency errors, so joint products are welcome and in progress
- Data from all ESA-funded projects will be made available through cloud archive
Gravity with other data

- Complementarity with seismic tomography to be exploited further?
- Seismology could add vertical information, gravity the spatial continuity
- But what is needed to make this happen, do we have all the information???
What next?

☐ Meet again? Format, when, include hands-on training?

☐ Exposure through “special issue” in selected journal?