

# Short report from NKG w.g. geodynamics

### **Martin Lidberg**

NKG presidium, January 20-21, 2008





#### **Observed AG-sites in 2008**

70°

**Finland** Metsähovi Masala Vihti Olkiluoto Vaasa AA Vaasa AB Joensuu Kuusamo AB Sodankylä Kevo

Norway Ås, Trysil, Hønefoss, Stavanger, Ålesund. Trondheim, Tromsø, Kautokeino,

Denmark **Bornholm** Copenhagen

Sweden Kiruna, Arjeplog, Østersund. Onsala, Smøgen Mårtsbo Skellefteå Lycksele Ratan

**Kramfors** 

**LMV** 

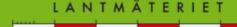
Estonia Suurupi Toila Tõravere Haanja Audru Kuressaare Lauka

★Honningsvåg Hammerfest Kirunà Sodankylà Bodô rjeplog busamo Oulu Škellefteå 🍰 Lycksele Romuvaara rondheim Astersund Trysi Olkiluoto Gavle Mårtsbo Kolsnes rolahti **△**\_Tuorla etsähovi 60° Degerby Oslo Stavange mögen/ Toravere Kuressaare Kristiansand Gtbg Boras Suldnun Klaipeda Panewezys \_)/∕ili̇̃nius 10 20°



# Challenges (regarding AG)

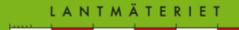
- Funding for the observation program has ended for IfE
- UMB have no funds for observations after end of 2009.
  (will this be handled internally within Norway?)
- Make sure that all observations are stored and shared between parties, so it is possible to get full benefit not only from individual observations, but from the "observation system"
- To get "increased knowledge" from the observations
- Need for additional installations at AG sites (ground water well etc)
- Improved climate control in observation huts.
- Final report on the relative gravity lines.





#### The world outside...

- COST ES0701 "Improved constraints on models of GIA
  - Include an AG group,
- GIA modeling school in Gävle June 1-5
- 1. Martin Ekman general introduction lecture CONFIRMED
- 2. Patrick Wu general overview lecture and a few special lectures CONFIRMED
- 3. Kurt Lambeck sea level change CONFIRMED
- 4. Bert Vermeersen analytical GIA models CONFIRMED
- 5. Lecturer on observation & data analysis -
- A. Giorgio Spada GIA modelling CONFIRMED
- B. Roderik van de Wal ice sheet modelling CONFIRMED
- IAG wg on regional velocity fields
- EPN re-processing





## Message from the presidium

- Archiving of AG-data
- Coordinating of revision of national gravity systems
- Encouraged to compile a final report from the relative gravity lines (1966 -2003)

#### Also to note:

From the NKG W.G. on height determination there are thoughts about updating the NKG2005LU land uplift model.

We should have an opinion and/or contribute!

