Major Cognition & Behavior

Academic director: Tom Postmes

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About the major

Behavior

- Individual Cognition
- Social relations
- Society
- Technology…
How does studying at UCG help address societal challenges?

An illustration based on a current project

Earthquakes in North-East Groningen: Well being and a sustainable future

Tom Postmes, Katherine Stroebe with GGD Groningen, National Coördinator Groningen
Earthquakes in NE Groningen:
Many small earthquakes are causing a major problem

Figure 4: Aantal aardbevingen in Groningen en de magnitudes daarvan in de periode 1986-2013. (Bron: NAMplatform, dat.25 07 2014)

Figure 30. Event density map for induced seismicity since the start of gas production up to 2013, 2016, 2018 and 2019 based on the seismological model of the Groningen field according to the linear-parallelistic compaction model and the 2013 gas production plan.
Sources of distress

› Safety issues for the population were ignored

› Trust in authorities has been eroded

› Uncertainty has increased
A dynamic and multi-disciplinary problem

- Experiences
- Resources
- Social networks
- Relations to authorities
- Future Expectations
- Perspective
- Safety
- Stress
- Health
- Resilience
- Participation
A trans-disciplinary research approach

- Core team RUG / GGD / O&S
  - Psychology
  - Sociology
  - Medical and Epidemiological
- Consultants
  - Economics
  - Spatial Sciences
  - Political Sciences
- Law
- Local authorities
  - Community, Province
  - NCG
- Community organisations
  - Social movements, interest groups, business
  - Community representatives
# Long-term opportunities: master programmes

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<thead>
<tr>
<th>Programme</th>
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<tbody>
<tr>
<td>• Neuroscience</td>
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<tr>
<td>• Psychology (Social, Organizational, Economic, etc.)</td>
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<tr>
<td>• Marketing</td>
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<td>• Clinical and psychosocial epidemiology</td>
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<td>• Sociology</td>
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<td>• Pedagogical sciences</td>
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Including all **research master programmes**

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<th>Conditional admission</th>
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<tr>
<td>• Theology</td>
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<td>• Movement sciences</td>
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<tr>
<td>• Artificial Intelligence</td>
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<td>• Humanities programmes (communication- and information sciences, etc.)</td>
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<td>• Economics and business programmes (HRM, Economics, ReMa)</td>
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Questions?

Now, or later via t.postmes@rug.nl