



**1 October 2015, 10:00 – 17:00 h**

Hosted by the Netherlands Space Office (NSO) at Centre Court, Prinses Beatrixlaan 2, Den Haag

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## 2<sup>nd</sup> Announcement

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The symposium will bring together scientists and users from society, industry and government. It will address the need for satellite Earth observation data and the increasing possibilities of its applications. Some of the recent progress in relevant scientific research will be presented and the symposium aims at gathering input for setting up a user-driven Earth observation research agenda for the coming years.

In order to focus on matching ‘needs’ and ‘knowledge’, the symposium will be organised around the intersections of three scientific and three societal themes:

	Climate and air quality	Hazards and solid Earth	Land processes
Food and water security	✓	✓	✓
Deformation and Earth processes	✓	✓	✓
Urban development and transport	✓	✓	✓

### Who?

The symposium is useful for a broad audience. Specifically invited are:

- scientists in the field of satellite Earth observation research,
- scientists in earth sciences, agriculture and food security, soil and land degradation, urban planning, transport,
- representatives of the Earth observation value adding industry and service providers,
- users from government organisations,
- other users from society and industry.

### Abstracts for science session

Especially PhD students and Postdocs in the relevant fields are invited to submit their abstracts for posters and (a limited number of) oral presentations. Abstracts have to be submitted before **14 September 2015** using the format that can be downloaded from the [EO3S website](#). You will receive a confirmation of your oral or poster presentation on 17 September 2015.

### Registration

Participation is free of charge but the number of participants is limited. The registration date for the symposium has been extended to **22 September 2015** and you can register by sending an email to [eo3s@NWO.NL](mailto:eo3s@NWO.NL).

## Practical information

NSO at the Centre Court building is within easy reach (five-minute walk) from Den Haag Central Station or Den Haag Laan van NOI Station. Parking space at Centre Court building is very limited and has to be agreed upon. Paid parking till 14:00 h outside Centre Court in designated places. For directions visit <http://www.spaceoffice.nl/en/Contact/?lang=en>. Please note that a valid ID is required for entering Centre Court. Lunch is included.

## Program

- 9:00 **Start:** coffee/tea, poster setup
- 10:00 **Introduction** (NWO, NSO)
- 10:30 **Case 1: Land processes <> Food and water security**  
– J. Visser (Cosun/Suiker Unie) – Opportunities for the use of satellite imagery for optimisation of sugar beets  
– T. van der Wal (AeroVision) – Development of a guaranteed service for timely delivery of crop maps and other data  
– F. van Evert, C. Kempenaar, T. Schut (WUR) – Linking satellite imagery to decision support systems: experiences, challenges and conditions
- 11:00 **Coffee/Tea** + posters
- 11:30 **Case 2: Hazards and solid Earth <> Deformation and Earth processes**  
– P. van Waarden, K. van Onselen (Rijkswaterstaat) – Predict future ground movement to save costs; Measure from space if possible and measure terrestrial if needed  
– M. Schouten (SkyGeo) – An InSAR-based deformation service  
– M. van der Meulen (TNO) – *tbd*
- 12:00 **Case 3: Climate and air quality <> Urban development and transport**  
– R. Kirpestein (dairy industry) – Air quality information needs for plant production processes  
– G. Hesselmanns, H. Wensink (HERMESS) – Operational air quality services for the private market  
– *tbd* (KNMI) – Current and future air quality research
- 12:30 **Lunch** + posters
- 13:30 **Plenary science session**
- 15:00 **Coffee/Tea** + posters
- 15:30 **Roundtable workshops:**  
1. Science and society need each other: how science, industry and government should work together  
2. Input for the EO research agenda: research themes and priorities for the next years  
3. Earth observation programs: experiences and ideas on funding and programmatic issues
- 16:30 **Conclusions, discussion** and wrap-up
- 17:00 **Drinks** + posters
- 18:00 **Closing**

## Program Committee

Corné Kempenaar – WUR / Mark van der Meijde – U Twente / Han Wensink – Ocean Space Consult

## Organizing Committee

Niels van den Berg – NWO / Radboud Koop – NSO / Daniëlle Hollman – NSO