

# WP 7 – T7.3

## EGSIEM STUDENT CHALLENGE 2016

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EGSIEM Final Assembly

Bern | 08 - 09 Feb. 2018



European-wide student competition

# THE ECSIEM

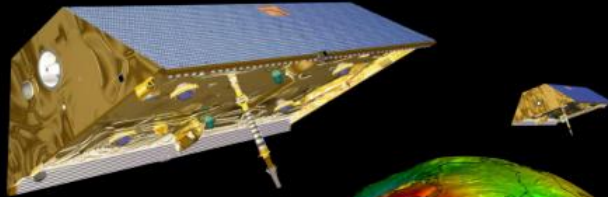
European Gravity Service for Improved Emergency Management

# CHALLENGE

Registration opens on  
October 1, 2016

[www.challenge.egsiem.eu](http://www.challenge.egsiem.eu)

2 rounds



Droughts

Floods

Geodesy

Hydrology

Geoid

Gravity

Emergency Management



# EGSIEM STUDENT CHALLENGE 2016 | PLAN



Important Events	October				November						December				January	
	1	8	15	22	1	8	11	12	15	22	1	15	22	31	1	15
1st Round   <b>Online</b>	Green															
1st Round   <b>Registration</b>	Green	Green	Green	Green	Green	Green	Green									
1st Round   <b>Offline</b>							Black									
1st Round   <b>Winners Announce.</b>								Red								
2nd Round   <b>Online</b>									Green	Green	Green	Green				
1st Round   <b>Prizes</b>											Green	Green				
2nd Round   <b>Offline</b>												Black				
2nd Round   <b>Winners Announce.</b>																Red



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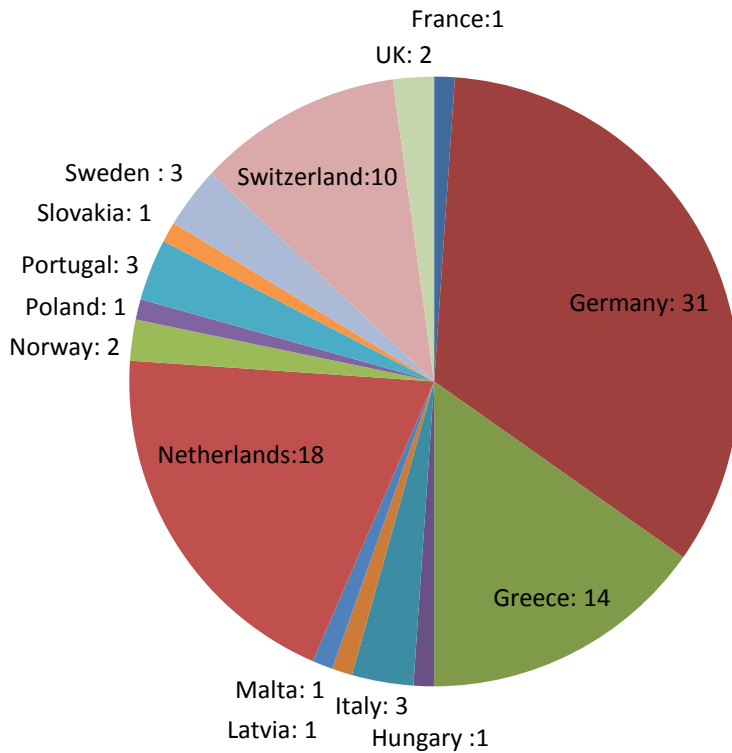
# EGSIEM STUDENT CHALLENGE

## | 1ST & 2ND ROUNDS



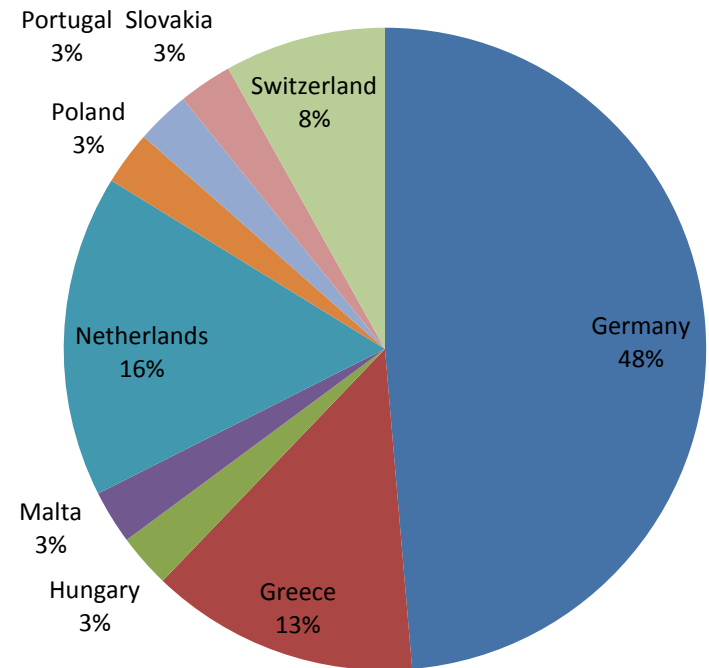
- **1<sup>ST</sup> ROUND | PARTICIPANTS**

# of registered participants : 92



- **2<sup>ND</sup> ROUND | SUCCESSFULLY PASSED**

37 of participant passed the first round | 12+ correctly



# EGSIEM STUDENT CHALLENGE

## | WINNERS



**B.Sc. Philippa Higgins**

Institute of Hydrology and Meteorology, TU Dresden

*Dresden - Germany*



**B.Sc. Julian Rodriguez Villamizar**

ESPACE, Technical University of Munich (TUM)

*Munich - Germany*



**B.Sc. Peizo Cheng Rachel**

UNESCO-IHE, Institute for Water Education

*Delft - Netherlands*



**B.Sc. Alexandros Kazantzidis**

Thessaloniki University, Department of Surveying

*Thessaloniki - Greece*



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HORIZON 2020

# EGSIEM STUDENT CHALLENGE | AWARDS



## INTERNSHIPS

- 6 – 8 Weeks
- @ one of EGSIEM member institutes
- Travel, Accommodation and Insurance Expenses (including health accident & personal liability insurances)



## AUTUMN SCHOOL

- Participated at Autumn School for Satellite Gravimetry Applications @ GFZ/Potsdam
- Travel, Accommodation and Insurance Expenses (including health accident & personal liability insurances)

# EGSIEM STUDENT CHALLENGE

## | AWARDS



**B.Sc. Philippa Higgins**

**GFZ - POTSDAM**

- Hosted by Prof. A. Güntner
- Sect. 5.4: Hydrology
- 2. Oct. – 10. Nov. 2017
- Identifying of major flood events for large river basins from GRACE daily solutions
- Covering of accommodation expenses
- Research report
- Researcher assistant - Dec. 2017



**B.Sc. Julian Rodriguez**

**AIUB - BERN**

- Hosted by Prof. A. Jäggi and Prof. Th. Schildknecht
- Optical Astronomy – Space debris
- 1. Nov. – 15. Dec. 2017
- Non-linear Optimization Problems in Orbit Determination
- Covering of accommodation expenses and stay at Bern
- Research report