

YESS - Young Earth System Scientists Community

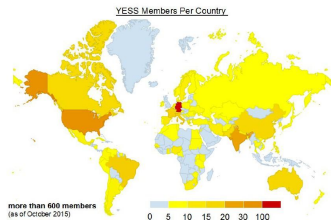
Built by Young Scientists for Young Scientists



WCRP JSC 37 – Geneva – April 2016

YESS – The movie

YESS – Who we are

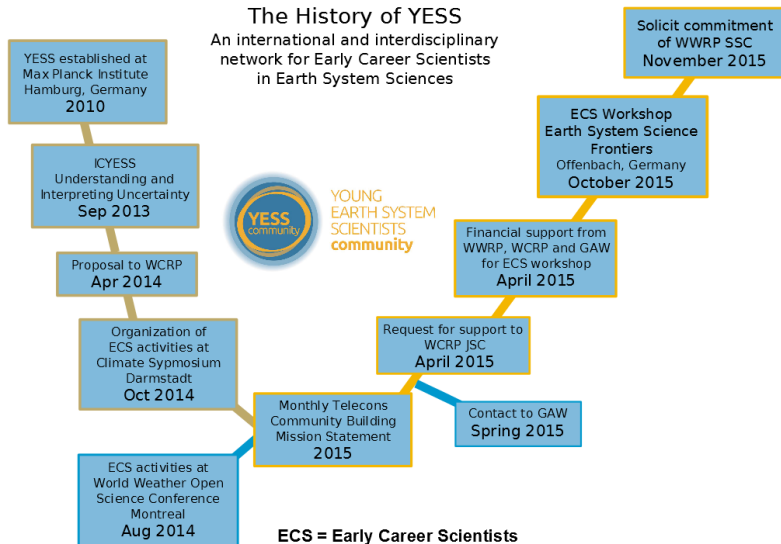


- ▶ Community for Early Career Scientists (ECS) in Earth System Science
 - ⇒ Bottom-up, international, interdisciplinary
- ▶ Unifies ECS in an influential network
- ▶ Promotes local and global exchange within and across disciplines
- ▶ New generation of interdisciplinary educated young researchers

YESS – Where we come from

The History of YESS

An international and interdisciplinary
network for Early Career Scientists
in Earth System Sciences



YESS – How we spent the last year

- ▶ Early Career Researchers Workshop 2015
– Earth System Science Frontiers –
- ▶ WWRP commitment in November 2015
- ▶ First elections for executive committee and regional representatives –
forming a new structure in March 2016

YESS – How we spent the last year

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 - Earth System Science Frontiers –
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- ▶ and more...
 - ▶ Joined organization of CLIVAR ECS Symposium
 - ▶ Commentary on sustainable early-career networks (Nature Geoscience, 2015)
 - ▶ Open statement from YESS regarding the job cuts at CSIRO in Australia
 - ▶ Joined new Network of Networks
 - ▶ Intensified outreach to (new) YESS members (Twitter, Newsletter,...)

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The Workshop

Targets of workshop

- ▶ Discuss current interdisciplinary challenges in Earth System Science
 - ▶ Summary of outcome to be published in White Paper
- ▶ Identify structural needs of a sustainable ECS network
 - ▶ What is required to tackle these challenges?
- ▶ Develop and progress ideas for outreach and promotion
 - ▶ Make network beneficial for ECS around the world

Participants and organization

- ▶ Prepared and organized by YESS members
- ▶ Facilitated by financial support from WCRP, WWRP and GAW and other institutions
 - ▶ 23 YESS members ⇒ formed first YESS Council
 - ▶ Six representatives from WCRP, WWRP and GAW joined to follow the discussions and provide advice on WMO Programs

The Workshop



Earth System Science Frontiers – an ECS perspective

- ▶ User frontier: balancing short-term, user-driven agendas and long-term, problem-based fundamental research



- ▶ Communication frontier: disseminating knowledge
- ▶ Scale frontier: seamless environmental prediction
- ▶ Anthropogenic frontier: the importance of interdisciplinary Earth system science in the Anthropocene

Earth System Science Frontiers – an ECS perspective

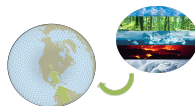
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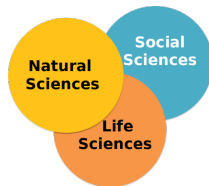
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submitted to BAMS in March 2016 (in review)

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The new structure



First Elections

Executive Committee

Julia Keller (Germany)
Gaby Langendijk (The Netherlands)
Masoumeh Mirsafo (Iran)
Marisol Osman (Argentina)
Vera Schemann (Germany)
Sebastian Sonntag (Germany)
Fiona Tummon (Switzerland/South Africa)



Regional Representatives

Region I - Africa

Steve Arowolo (South Africa)
Faten Bahar (Tunisia)

Region III - South America

Ariane Frassoni (Brazil)
Marisol Osman (Argentina)

Region V - South West Pacific

Erik Behrens (New Zealand)

Region II - Asia / Middle-East

Mohammad Alqadi (Jordan)
Masoumeh Mirsafay (Iran)

Region IV - North America

Kevin Reed (USA)

Region VI - Europe

Jakub Walawender (Poland)

YESS – What we plan for this year

- ▶ YESS directorate
 - ▶ support infrastructural development
 - ▶ promote the vision of our initiative
- ▶ strengthen the (infra)structure
 - ▶ Not only recruit new members, but also keep them and get them involved!
- ▶ Continue to interact and exchange with other networks (e.g. Network of Networks, APECS)
- ▶ Support ECS involvement and infrastructure in research projects
- ▶ Continue to spread the word and get involved – in projects, conferences, meetings

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Depends on support and possibilities!

YESS – How you could help us

- ▶ Decide on WCRP's commitment to the YESS community
- ▶ Create possibilities
 - ▶ by involvement of YESS in WCRP activities
 - ▶ for ECSs to participate in the core WCRP activities (including panels and projects)
 - ▶ to find resources for a "YESS coordination office", for both logistical arrangements and for activity support.



“We believe that we can shape a truly international and sustainable research network that will compliment and integrate ongoing activities in the short term and will benefit the WMO research programs in the long term by training and creating opportunities for future leaders.”

– YESS Community –