



WCRP^{2nd}

2nd WCRP Summer School on
Climate Model Development

Scale aware parameterization for representing sub-grid scale processes

January 22nd - 31st, 2018

Center for Weather Forecasts and Climate Studies
Brazilian National Institute for Space Research
Cachoeira Paulista - SP, Brazil



YOUNG EARTH SYSTEM SCIENTISTS community

Ariane Frassoni
Center for Weather Forecasting and Climate Studies
National Institute for Space Research, SP, Brazil
January 31st, 2018
Cachoeira Paulista, SP



**YESS is a Unified International
Multidisciplinary Early Career
Researchers Network**



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community**

*Young scientists - well trained, interdisciplinary
view*

Critical role in the future of Earth System Science

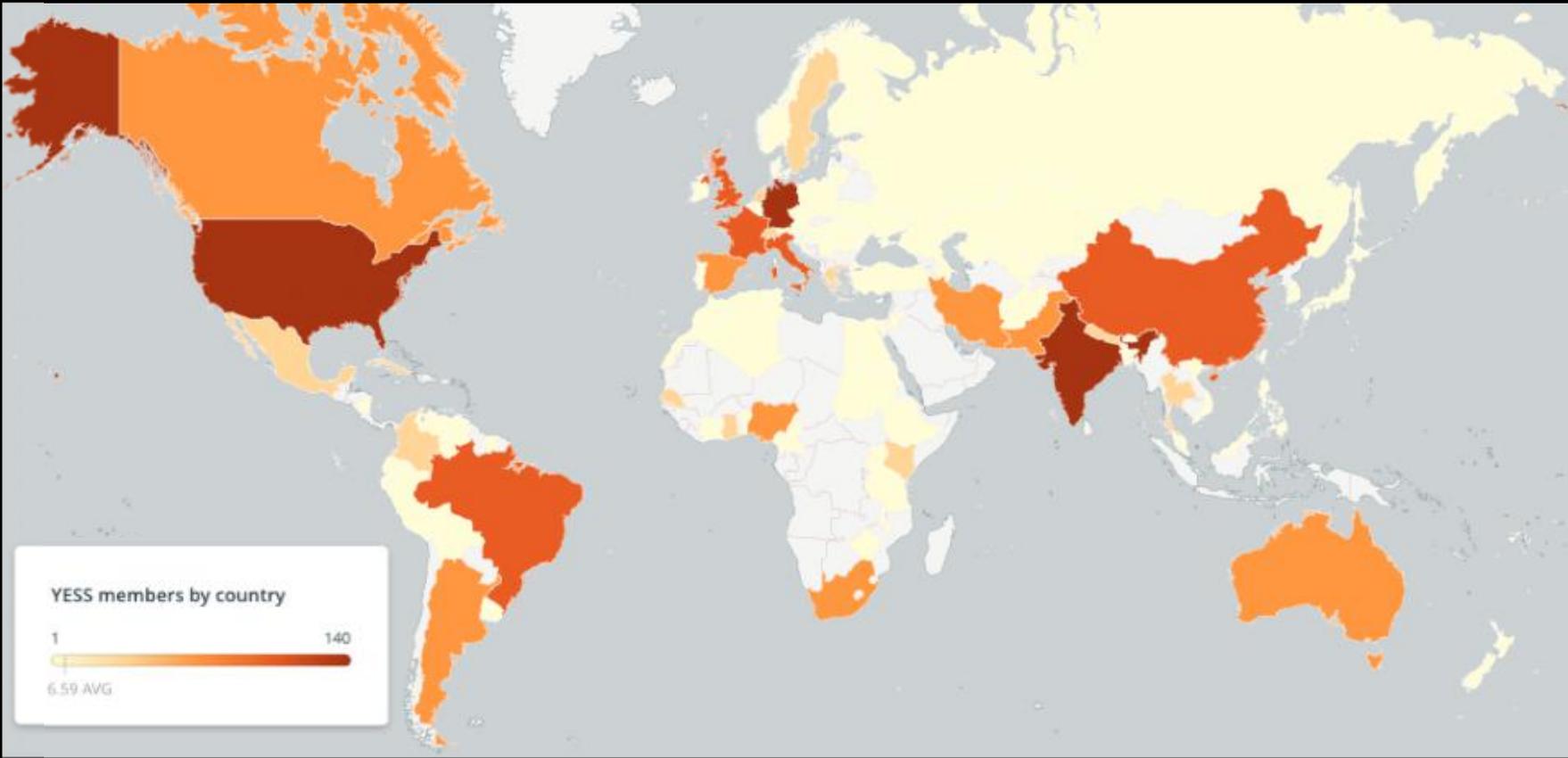
Active in crucial areas, to benefit society

Future leaders

International integration



WHO are YESS?



**> 1000 members
in more than 80
countries**





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YESS

Provides an ***international platform*** for early career scientists. Welcoming members from a range of scientific backgrounds, ***creating synergies*** between researchers in natural and social sciences who represent the future of Earth system science

YESS

Partners with international organisations to ***inject young scientists' voice***

Closely connected to the research programmes of the ***World Meteorological Organisation***

YESS

Organizes activities: online, at large conferences, as well as dedicated ECS workshops. Providing excellent opportunities to network, learn new skills and share research with the large interdisciplinary community

YESS

Creates opportunities for early career researchers to become active in scientific related activities, such as the boards & panels and projects of World Climate Research Programme and World Weather Research Programme

YESS

Sets an example for the scientific community, through an incorporated online network, reducing carbon footprint and enabling interaction across regions and cultures

History



YESS established at Max-Planck-Institute, Hamburg Germany in 2010

YESS present at many conferences in Germany & internationally 2010 - 2014

YESS had first contact with WCRP and wrote a **proposal to WCRP** 2014

Monthly teleconferences, international community building 2015

'Earth System Science Frontiers' - ECR workshop
Led by YESS, jointly sponsored by WCRP, WWRP and GAW 2015

YESS increasingly became a **truly international** early career scientist network

YESS got **officially endorsed** by WWRP and WCRP 2015/2016

First YESS elections for International Board 2016

YESS developed a **white paper** presenting an ECR vision on the future of Earth system science 2015/2016





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Structure



YESS is focussed on (but not limited to) PhD students, Post-Docs, Master students and early career researchers 5 yrs after their latest degree



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Structure



Executive Committee 2017-2018



Gaby Langendijk



Faten Attig Bahar



Jo-Ting Huang-Lachman



Marisol Osman



Masoumeh Mirsafa



Sebastian Sonntag



Regional Representatives 2017-2018

AFRICA

Hezron Awiti
Victor Dike

CENTRAL ASIA

Dildora Aralova
Muhammed Azhar Ehsan

EUROPE

Jakub Walawender
Vikki Thompson

NORTH AMERICA

Kevin Reed
Palmira Cuellar

SOUTH AMERICA

Leandro Díaz
Ariane Frassoni

SOUTH EAST ASIA

Shipra Jain
Salauddin Mohammad

SOUTH WEST PACIFIC

Erik Behrens
Mona Ziaeyan



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YESS White Paper

*“Earth System Science is the fundamental baseline for earth's capacity to accomodate humanity....
... A coordinated, interdisciplinary and truly global approach is the best means to develop applicable tools and strategies to confront the challenges facing society, both now and in the future.”*

(adapted from YESS Paper, BAMS 2016)

YESS in scientific events

CLIVAR* - Qingdao, China,
September 2016

EGU April 2017



****Climate and Ocean - Variability,
Predictability, and Change***

YESS in scientific events

5th WGNE workshop

For the first time in five editions the WGNE received dedicated Early Career Scientists activities, led by YESS

June 2017



YESS in WMO article (2017) - Present and Future Leaders in Weather, Water and Climate Science





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What has YESS to offer?

- **Assist in building an international network** of like-minded researchers
- Meeting people on **international conferences** during YESS side-events
- **Helpful resource** for PhD, PostDoc, assistant professor opportunities, upcoming summerschools, workshops, conferences etc.
- **Career building opportunities** in WCRP, WWRP and other partners, such as becoming an ECR representative on a panel or board
- Interesting **webinar series** on Earth System Science

and much much more...



YESS The Movie



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Join us!

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www.yess-community.org

or

E-mail: contact@yess-community.org

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