

Curriculum Vitae

Name: Gaby Sophie Langendijk
Date of birth: 02 October 1990
Place of birth: Haarlem, the Netherlands
Nationality: Dutch
Gender: Female



Dec. 2017 - current **Climate Service Center Germany (GERICS), Helmholtz-Zentrum Geesthacht (HZG)**
PhD Candidate in high resolution regional-to-local climate modelling for urban applications and climate services
Jun. 2018 - current **Climate Services Journal, Elsevier**
Managing editor
Apr. 2015 - Aug. 2017 **World Climate Research Programme (WCRP), World Meteorological Organisation (WMO)**
Consultant at Joint Planning Staff (Sept. 2015 - Aug. 2017)
Intern at Joint Planning Staff (Apr. 2015 - Aug. 2015)

Apr. 2015 - current **Young Earth System Scientists (YESS) community**
Executive Committee member
Apr. 2016 - Dec 2019 **Early Career Researchers Network of Networks (ECR NoN)**
Council and Future Earth working group member

Education

2013 - 2015 **Wageningen University and Research Centre (WUR)**
Master: Climate Studies
Specialisation: Earth System Science
2014 - 2015 **Eidgenössische Technische Hochschule Zürich (ETH)**
Master thesis research in collaboration with Moutland project (including a 3 months faculty stay at ETH)
2009 - 2012 **University of Amsterdam (UvA)**
Bachelor: Earth Science
Honours module: Energy & Climate

Publications

Langendijk, G.S., Rechid, D. and Jacob, D. (2019) Urban Areas and Urban-Rural Contrasts under Climate Change: What Does the EURO-CORDEX Ensemble Tell Us?— Investigating Near Surface Humidity in Berlin and Its Surroundings. *Atmosphere*. 10, 730.

Langendijk, G.S., Aubry-Wake, C., Osman, M., Gulizia, C., Attig-Bahar, F., Behrens, E., Bertoncini, A., Hart, N., Indasi, V.S., Innocenti, S., van der Linden, E.C., Mamnun, N., Rasouli, K., Reed, K.A., Ridder, N., Rivera, J., Ruscica, R., Ukazu, B.U., Walawender, J.P., Walker, D.P., Woodhams, B.J. and Yilmaz, Y.A., 2019. (2019) “Three Ways Forward to Improve Regional Information for Extreme Events: An Early Career Perspective.” *Frontiers in Environmental Science*. 7:6.

Gulizia, C., **Langendijk, G.**, Huang-Lachmann, JT. de Amorim Borges, P., Flach, R., Githaiga, C., Rahimi, M. (2019) "Towards a more integrated role for early career researchers in the IPCC process" Climatic Change.

Jørgensen, P. S., Evoh, C. J., Gerhardinger, L. C., Hughes, A. C., **Langendijk, G. S.**, Moersberger, H., Jay Pocklington, J., Mukherjee, N. (2019) "Building urgent intergenerational bridges: assessing early career researcher integration in global sustainability initiatives" Current Opinion in Environmental Sustainability, 39, 153-159.

Swart N., Busecke J., **Langendijk G.**, Reed K., Kang S., Behrens E., Frassoni A., Baker N., Durgadoo J., Dike V., Nath D. (2018) "Reflections on the CLIVAR Early Career Scientists Symposium 2016." Nature Partner Journal Climate and Atmospheric Science. 1:6.

Baklanov, A., Grimmond, C. Sue B., Carlson, D. Terblanche, D., Tang, X. Bouchet, V. Lee, B., **Langendijk, G.**, Kumar Kolli, R., Hovsepyan, A. (2017) "From urban meteorology, climate and environment research to integrated city services." Urban Climate. 23, pg. 330-341

Carlson, D., Eyring, V., van der Wel, N., **Langendijk, G.** (2017) "WCRP's Coupled Model Intercomparison Project: a remarkable contribution to climate science." EGU News & press

Rausser, F., Alqadi, M., Arowolo, S., Baker, N., Bedard, J., Behrens, E., Dogulu, N., Domingues, L.G., Frassoni, A., Keller, J. and Kirkpatrick, S., **Langendijk G.**, Mirsafa M., Salauddin, M., Naumann A.K., Osman, M., Reed, K., Rothmuller, M., Schemann, V., Singh, A., Tummon, F., Dike, V., Villafuerte M.Q., Walawender J.P., Zaroug, M. (2017) "Earth System Science Frontiers-an ECS perspective." Bulletin of the American Meteorological Society. 98(6), 1120-1127.

Lake I., Kang S., Tangang F., Gutowski W., Lee B., Kjellström E., **Langendijk G.** (2017). The International Conference on Regional Climate - CORDEX 2016. APN Science Bulletin, 7(1).

Brändle, J. M., **Langendijk, G.**, Peter, S., Brunner, S. H., & Huber, R. (2015) "Sensitivity analysis of a land-use change model with and without agents to assess land abandonment and long-term re-forestation in a Swiss mountain region." Land. 4.2, pg. 475-512.

Peer reviewer for: International Journal on Urban Climate, Elsevier

Invited presentations and panel discussions

AGU Fall Meeting (2019), invited presentation
"Urban futures under climate change"

WCRP 40th Anniversary symposium (2019), invited presentation
"An early career perspective on WCRP science"

International Conference on Regional Climate CORDEX (2019), invited panelist
"WCRP Implementation Plan and CORDEX Future"

IPCC 30th Celebration Ceremony (2018), invited panelist
"Future of the IPCC"

IPCC side event at COP24 (2018), invited presentation
"Partnering with the IPCC - early career scientists"

Skills

Languages:

Dutch (Native)
English (Fluent)
German (Good)
French (Moderate)
Spanish (Moderate)

Computer:

Python
Matlab
ArcGIS
MS office (*Word, Excel, PowerPoint*)
Adobe (*Illustrator, PremierePro*)

Experience in international scientific community

WCRP-AGU-YESS-YHS-APECS ECR Workshop (2019)

Organisation Committee member & moderator of workshop

International Conference on Regional Climate - CORDEX (2019)

Organisation Committee member

Early Career IPCC Group Review FOD WGI and WGII (Jan-Dec 2019)

Expert reviewer

Future Earth Advisory Committee meeting (April 2019)

ECR representative

Klimapolis Project (2017 - 2022)

Project participant

EURO-CORDEX annual assembly (2018, 2019)

Urban break-out group chair

European Climate Conference on Adaptation (2019)

Abstract reviewer

JPI Climate Scoping Forum meeting (2018)

Meeting participant, representing GERICS

YESS-YHS ECR workshop on Regional Information for Extreme Events (2018)

Scientific and organisation committee member of 3 day workshop

COP21 & COP23 & COP24 (2015, 2017, 2018)

Speaker at IPCC side event: "Partnering with the IPCC - early career scientists" (COP24)

Conference participant (COP21, COP23)

WCRP regional scoping group (2016-2017)

Co-WCRP liaison towards the group

UN World Meteorological Organisation Urban cross-cutting group (2015-2017)

Group member

WCRP Kick-Off meeting Grand Challenge on Carbon (2016)

Co-WCRP liaison towards the group

Future Earth ECR Workshop (2016)

Workshop participant on behalf of YESS community

CLIVAR OSC & Early Career Scientists Symposium (2016)

Participant at OSC and ECS Symposium, co-author of ECS symposium summary report

Future Earth Core Projects and SC/EC meeting (2016)

Early career representative

International Conference on Regional Climate-CORDEX (2016)

Conference participant and organisation committee member

JSC-36 and JSC-37 meeting (2015, 2016)

Supporting the Joint Scientific Committee meeting of WCRP

Earth System Science Frontiers ECS workshop (2015)

Participant and member of organising committee