

# ANTICA CULINA

Senior researcher at IRB; Honorary fellow at NIOO-KNAW

Meta-Science, Open Science, Evolutionary Ecology https://www.linkedin.com/in/antica-culina-39296b63

I am an evolutionary ecologist and meta-scientist with expertise in informed decision-making, open science, and social bond dynamics. My research focuses on achieving two complementary goals: (1) understanding processes in natural populations, while at the same time developing tools to overcome issues of imperfect information; (2) enabling ecological research to reach its full potential by researching the scientific process itself, understanding and optimizing it. I developed this line of research in 2016 when I accepted a position to lead a project on the use of open data in ecological meta-analysis at NIOO-KNAW. I am one of the few pioneers of Open Science and meta-science in ecology. My extensive expertise in these areas has now been widely recognized, and has helped me to build an extensive and diverse network of collaborators

#### **EXPERIENCE**

**2022 - ONGOING** 

SENIOR RESEARCHER, RUDER BOSKOVIC INSTITUTE (CROATIA)

2018 - 2022

#### **RESEARCHER, NIOO-KNAW (NETHERLANDS)**

- ➤ Leading research project: Pair-bonds beyond the breeding season a new approach to understanding divorce and fidelity using the power of Open Data
- Executive director, co-founder & coordinator of SPI-Birds Network and Database where I oversee the activities in order to achieve FAIR data and meta-data within the community
- Supervising SPI-Birds team of 4 developers, two coordinators, website developers; coordinating network of 120+ members from academic and non-academic background
- Leading research on Open Science in Ecology
- > Supervising one postdocs, co-supervising two PhDs and supervising two MSc projects

2016 - 2018

#### **QUANTITATIVE ECOLOGIST, NIOO-KNAW**

- Managed project on Open Science and Meta-analysis in Ecology
- Established Open Science research line at NIOO-KNAW
- Supervised two MSc projects

2015 - 2016

#### **POSTDOC, UNIVERSITY OF OXFROD (WILDLIFE RESEARCH CONSERVATION UNIT)**

> Established a research line as a pre-request for further (private) funding

## **EDUCATION**

**OCT 2010- JAN 2015** 

**DPHIL IN ZOOLOGY, UNIVERSITY OF OXFORD (UK)** 

Passed without corrections (20% of students)

2003-2008

**BSC IN ECOLOGY, UNIVERSITY OF ZAGREB (CROATIA)** 

Also worked for a nature conservation NGO as a project manager (until 2010)

#### **SKILLS**

- Presentation & outreach
- Project management
- Supervision of personnel & tasks
- Fundraising
- Open Science & Transparency

- Community engagement
- Scientific process
- Data management, FAIR data & code
- Analytical methods (e.g. meta-analysis, social networks)

### **GRANTS & AWARDS**

My undergrad and PhD were fully funded by scholarships (~ 100 000 EUR sum)

After my PhD I have obtained ~ 275 000 EUR:

- NLBIF grants (Netherlands Biodiversity Information Facility), 30 000 EUR (2022-2023)
- VENI research fellowship, 250 000 EUR by NWO, (2018-2021)
- Workshop funding, 25 000 EUR by Lorentz Center, Netherlands
- Dutch Data Prize for SPI-Birds project (2020) 5 000 EUR
- Open Science Use Case Award (2020) for SPI-Birds initiative
- NWO Cooperation and Exchange / Scientific Meetings Grant for organizing 2 day symposium & workshops on Open Science in Ecology (2017) – 10 000 EUR
- RDA EU Early Career support Programme for the RDA 9th Plenary (2017)
- Conference travel grant, Welcome Trust, to attend #scidata16 (2016)

#### **AFFILIATIONS & BOARDS**

- 1. Executive director of SPI-Birds Network & Database (www.spibirds.org)
- 2. Associate Editor, Journal of Animal Ecology
- 3. Executive Board, Society for Open, Reliable, and Transparent Ecology and Evolutionary biology (SORTEE) (<a href="www.sortee.org">www.sortee.org</a>)
- 4. Honorary fellow at NIOO-KNAW (2022-ongoing)
- 5. Sounding board for the Development of the National Software Management plan, the Netherlands (2022)
- 6. Advisory Board & Champion of FAIRsFAIR EU project (<a href="https://www.fairsfair.eu">https://www.fairsfair.eu</a>) for Fostering Fair Data Practices in Europe
- 7. Open Knowledge Maps, Scientific advisor
- 8. Scientific Project Advisory Group of "Threatened Data for Threatened Species", University of Greifswald, Germany
- 9. Co-chair of Education Committee, SORTEE
- 10. Co-chair of Awards Committee, SORTEE

#### PROFESIONAL MEMBERSHIP

- 1. UNESCO Open Science Working Group
- 2. Go Fair Implementation Network
- 3. European Society for Evolutionary Biology

- 4. British Ecological Society
- 5. Research Data Alliance Europe

### **REVIEW COMMITTEES**

- 1. Dataworks! Prize of the National Institute of Health and FASEB (USA)
- 2. Programme committee CUC2022 (Carnet users conference), 2021/2022
- 2. Assessment committee of the Open science fund, NWO, 2020/2021 round
- 3. Reviewer for National Research, Development and Innovation Office, Hungary (the NRDI Office, the main organization in Hungary providing funds for R&D, including basic (discovery) research)
- 4. Review committee, CUC2022, 2021/2022

I act as a reviewer within areas of Open Science, Evolution, Ecology, and meta-analysis, and have reviewed close to 200 papers from over 30 journals (e.g. Nature, Ecology Letters, PLOS Biology, Nature Ecology and Evolution, eLife, Science Advances, Methods in Ecology and Evolution).

#### **TEACHING**

- 2022 Guest Lecture, Cognitive Sciences MSc, University of Rijeka
- 2021/2022 Guest Lecturer, Life History course (MSc level): Wageningen University, Netherlands
- 2019/2020 Guest Lecturer, **Quantitative conservation ecology** (MSc level), Radboud University Nijmegen, Netherlands
- 2010-2015 College tutor, **Quantitative methods** (Undergrad in Biology), St Catherine's College, University of Oxford
- 2013-2015 Lecturer, Introduction to Ornithology, Oxford University Dept. for Continuing Education
- 2013-2015 Lecturer, Vertebrate Zoology & Animal Behaviour, Oxford Study Abroad Program
- 2015 Lecturer, Science Communication, Oxford Sparks

#### **ACTIVITIES**

### **SCIENTIFIC PUBLICATIONS (27)**

- 1) Purgar, M., Klanjscek, T. & Culina, A. Quantifying research waste in ecology. Nat Ecol Evol 6, 1390–1397 (2022). (free read at rdcu.be/cR8PR) https://doi.org/10.1038/s41559-022-01820-0
- 2) Culina A, Brouwer, L. No evidence of immediate fitness benefits of within-season divorce in monogamous birds. Biology letters 18 (5), 20210671. <a href="https://doi.org/10.1098/rsbl.2021.0671">https://doi.org/10.1098/rsbl.2021.0671</a>
- 3) O'Dea, R.E., Parker, T.H., Chee, Y.E. *et al.* Towards open, reliable, and transparent ecology and evolutionary biology. *BMC Biol* **19**, 68 (2021)
- 4) Culina, A, Firth. J., Hinde C.A (2020): Familiarity breeds success: pairs that meet earlier experience increased breeding performance in a wild bird population. Proceedings of the Roy Soc Biology. 20201554. https://doi.org/10.1098/rspb.2020.1554
- 5) Culina, A. et al. (2020). Connecting the data landscape of long-term ecological studies: the SPI-Birds data hub. Journal of Animal Ecology. https://doi.org/10.1111/1365-2656.13388
- 6) Culina, A., Evans, S., van den Berg, I., & Sánchez-Tójar, A. (2020): Low availability of code in ecology: a call for urgent action. PLOS Biology 18(7), e3000763. https://doi.org/10.1371/journal.pbio.3000763

- 7) Culina, A. & Garroway C.J. (2019): In Focus: Bats use social information within and across species. J. Anim. Ecol. 88 (10), 1444-1446. https://doi.org/10.1111/1365-2656.13093
- 8) Culina, A., Linton, D., Pradel, R., Bouwhuis, S. & Macdonald, D. (2019): Live fast, don't die young: survival reproduction trade-offs in long-lived income breeders. J. Anim. Ecol. Doi: 10.1111/1365-2656.12957
- 9) Ramakers, J.J.C., Culina, A., Visser, M.E. & Reply to & Gienapp P. (2019): More evidence is needed to show that heritability and selection are not associated. Nat Ecol Evol 3, 1408. https://doi.org/10.1038/s41559-019-0991-2
- 10) Firth, J. A., Cole, E. F., Ioannou, C. C., Quinn, J. L., Aplin, L. M., Culina, A., McMahon, K. & Sheldon, B. C. (2018): Personality shapes pair bonding in a wild bird social system. Nat. Ecol. & Evol. 2, 1696-1699. https://doi.org/10.1038/s41559-018-0670-8
- 11) Ngo, T. T. N., Senior, A. M., Culina, A., Santos, E. S. A., Vlak, J. M. & Zwart, M. (2018): Quantitative analysis of the dose–response of white spot syndrome virus in shrimp. J. Fish Dis. 41, 11, 1733-1744. https://doi.org/10.1111/jfd.12877
- 12) Culina, A., Baglioni M., Crowther T.W., Visser M.E, Woutersen S. & Manghi P. (2018): Navigating the unfolding open data landscape in ecology and evolution. Nat. Ecol. & Evol. 2, 420–426. https://doi.org/10.1038/s41559-017-0458-2
- 13) Culina, A., Crowther T., Ramakers J., Gienapp P. & Visser M.E (2018): How to do meta-analysis of open datasets. Nat. Ecol. & Evol. 2, 1053–1056. <a href="https://doi.org/10.1038/s41559-018-0579-2">https://doi.org/10.1038/s41559-018-0579-2</a>
- 14) Ramakers J., Culina, A., Visser M.E & Gienapp P. (2018): Environmental coupling of heritability and selection is rare and of minor evolutionary significance in wild populations. Nat. Ecol. & Evol. 2, 1093-1103. <a href="https://doi.org/10.1038/s41559-018-0577-4">https://doi.org/10.1038/s41559-018-0577-4</a>
- 15) Culina, A., Linton D.M & Macdonald D.W. (2017): Age, sex, and climate factors show different effects on survival of three different bat species in a woodland bat community. Glob. Ecol. & Cons. 12, 263-271. https://doi.org/10.1016/j.gecco.2017.11.009
- 16) Culina, A., Linton D.M. & Macdonald D.W. (2017): Testing for complex drivers of resource utilisation: A case-study of roost dynamics in bats. Basic Appl. Ecol. 25, 28-36. https://doi.org/10.1016/j.baae.2017.10.001
- 17) Crates R.A., Firth J.A., Farine D.R., Garroway C.J., Kidd, L.R., Aplin, L.M., Radersma, R., Milligan, N. D., Voelkl, B., Culina, A., Verhelst, B. L., Hinde, C. A. & Sheldon, B. C. (2016): Individual variation in winter supplementary food consumption and its consequences for reproduction in wild birds. J. Av. Blol. 47, 678-689. <a href="https://doi.org/10.1111/jav.00936">https://doi.org/10.1111/jav.00936</a>
- 18) Aplin L., Firth J., Farine D., Voelkl B., Crates R., Culina A., Garroway C., Hinde C., Kidd L., Psorakis I., Milligan N., Radersma R., Verhelst B. & Sheldon B.C. (2015): Consistent individual differences in the social phenotypes of wild great tits (Parus major). Anim. Behav. 108, 117-127. https://doi.org/10.1016/j.anbehav.2015.07.016
- 19) Culina A., Hinde C.A & Sheldon B.C. (2015): Carry-over effects of the social environment on future divorce probability in great tits. P. Roy. Soc. B-Biol. Sci. 282, 2015092. https://doi.org/10.1098/rspb.2015.0920
- 20) Shoji, A., Aris-Brosou S., Culina A., Fayet A., Kirk H., Padget O., Juarez-Martinez I., Boyle D., Nakata T., Perrins C.M. & Guilford T. (2015): Breeding phenology and winter activity predict subsequent breeding success in a trans-global migratory seabird. Biol. Letters 11, 20150671. <a href="https://doi.org/10.1098/rsbl.2015.0671">https://doi.org/10.1098/rsbl.2015.0671</a>
- 21) Culina A., Lachish S. & Sheldon B.C. (2015): Evidence of a link between survival and pair fidelity across multiple tit populations. J. Avian Biol. 45, 507-515. <a href="https://doi.org/10.1111/jav.00661">https://doi.org/10.1111/jav.00661</a>
- 22) Psorakis I., Voelkl B., Garroway C., Radersma R., Aplin L., Crates R., Culina A., Farine D., Firth J., Hinde C., Kidd L., Milligan N., Roberts S, Verhelst B. & Sheldon B.C (2015): Inferring social structure from temporal data. Behav. Ecol. Sociobiol. 69, 857-866. <a href="https://doi.org/10.1007/s00265-015-1906-0">https://doi.org/10.1007/s00265-015-1906-0</a>
- 23) Farine D.R., Firth J.A., Aplin L., Crates R.A, Culina A., Garroway C., Hinde C.A., Kidd L.R., Milligan N.D., Radersma R., Verhelst B., Voelkl B. & Sheldon B.C. (2015): The role of social and ecological

- processes in structuring animal populations: a case study from automated tracking of wild birds. Roy. Soc. Open Sci. 2, 150057. https://doi.org/10.1098/rsos.150057
- 24) Culina A., Radersma R. & Sheldon B.C. (2014): Trading up: the fitness consequences of divorce in monogamous birds. Biol. Rev. 90, 1015-1034. https://doi.org/10.1111/brv.12143
- 25) Culina A., Lachish S., Pradel R., Choquet R. & Sheldon B.C (2013): A multievent approach to estimating pair fidelity and heterogeneity in state transitions. Ecol. & Evol. 3, 4326-4338. https://doi.org/10.1002/ece3.729
- 26) Mikulic K., Budinski I., Culina A., Jurinovic L. & Lucic V.(2013): The return of the Lesser Kestrel Falco naumanni as a breeding bird to Croatia. Acrocephalus 34: 71-74.
- 27) Budinski I., Culina A., Mikulić K. & Jurinović L. (2010): Bird species that have significantly changed breeding range on Croatian coastal area: comparison of 30 years old data and recent knowledge. Bird Census News 23: 49-58.

#### **OTHER OUTPUT**

- 1) Martinez-Ortiz, C., Martinez Lavanchy, P., Sesink, L., Olivier, B.G., Meakin, J., de Jong, M., & Cruz, M. Others: Akhmerov, A, Ancion, Z, de Bruin, J, Culina, A, Erdmann, C et al. (2022). Practical guide to Software Management Plans (1.0). Zenodo. <a href="https://doi.org/10.5281/zenodo.7248877">https://doi.org/10.5281/zenodo.7248877</a>
- 2) de Senerpont Domis, L.N., Başoğlu, D., Beklioglu, M., Culina, A. et al (2017): Database Management Plan adhering to the H2020 Open Research Data Pilot. AQUACOSM Deliverable No4.2

I have also published 18 Datasets, 9 technical reports

# **ORGANIZATION OF MEETINGS (1) & WORKSHOPS (11)**

- 1. Computational reproducibility in Ecology, Hachathon at the SORTEE conferences, 2021 and 2022
- 2. Pre-registration in Ecology and Evolution at the Ecology across Borders, British Ecological Society annual conference, 2021
- 3. Making your research reproducible and trustworthy, WEES workshop, online Nov 2021
- 4. FAIR Data for the 'Long Tail of Science', International Lorentz Center workshop (Sept 2021)
- 5. Designing a FAIR Data Discovery Ecosystem, International FAIR Convergence Symposium. Online (2020) https://vimeo.com/499270587
- 6. Data Lifecycles for Open Ecological & Biodiversity Research, Biodiversity Next Conference. Leiden (2019) <a href="https://biodiversitynext.org/list-of-symposia-and-workshops/">https://biodiversitynext.org/list-of-symposia-and-workshops/</a>
- 7. Open Science Tools, Data and Technologies for efficient Ecological and Evolutionary research.

  Amsterdam (2017) initiated and organized 2-day symposia and workshops
- 8. Navigating the unfolding Open Data landscape in Ecology and Evolution. Workshop at the British Ecological Society Annual meeting, Ghent (2017)
- 9. Transparent meta-analysis: a powerful tool for the researchers' toolbox. Workshop at the NIOO research days (2017 & 2019)
- 10. Evolutionary biology and open science: practices, challenges and opportunities. ESEB meeting, Groningen (2017)
- 11. Symposium and workshops on Open Science Tools, Data and Technologies for efficient Ecological and Evolutionary research, Amsterdam (2017)
- 12. Transparent meta-analysis and use of open data workshop. Open Science Tools, Data and Technologies for efficient Ecological and Evolutionary research, Amsterdam (2017)

#### **LECTURES, SEMINARS & TALKS**

### Invited (29)

- 1. Open Science Fund day, NWO, den Hague, June 2022, on the role of funders in transition to Open Science
- 2. 13<sup>th</sup> European Ornithological Union Congress, Giessen 2022: SPI-Birds data hub
- 3. AIMOS Association for Interdisciplinary Meta-research and Open science, Nov 2021, online: Computational reproducibility in Ecology at <a href="https://www.youtube.com/watch?v=YSKZRg1W0HA">https://www.youtube.com/watch?v=YSKZRg1W0HA</a>
- 4. WEES seminar, Nov 2021, 'Doing credible sciences why would you care?'
- 5. FAIR Data It takes a Village, a webinar to mark and celebrate the 5<sup>th</sup> anniversary of the NOW RDM Policy (listopad 2021), clan okruglog stola <a href="https://www.nwo.nl/en/meetings/webinar-fair-it-takes-village">https://www.nwo.nl/en/meetings/webinar-fair-it-takes-village</a>
- 6. Fledgling meeting of the European Ornithological Union meeting, Zagreb, Croatia, plenary talk on Transparency in Science (postponed until 2022)
- 7. Canadian Society for Ecology and Evolution Annual meeting 2021, Aug 2021: Establishing a research & data network: long-term studies in Ecology
- 8. Software Management Plans Workshop, June 2021, organized by Netherlands eScience Center and NWO: Computational reproducibility how well are we doing <a href="https://zenodo.org/record/5024482#.YcmQZVko9EZ">https://zenodo.org/record/5024482#.YcmQZVko9EZ</a>
- 9. Meta-Research Innovation Center at Stanford Seminar (2021, June): Unused potential of ecological research, and the role of reproducibility
- 10. Seminar of the Finnish Museum of Natural History LUOMUS (2021, 19.05): ): Meta-science for ecology and evolution, why would we need it?
- 11. FAIRsFAIR National Roadshow, Netherlands (2021, March): FAIR vs Open: a researchers perspective. <a href="https://www.fairsfair.eu/events/fairsfair-roadshow-netherlands">https://www.fairsfair.eu/events/fairsfair-roadshow-netherlands</a> and <a href="https://www.fairsfair.eu/sites/default/files/06%20-%20FAIRsFAIR\_Culina.pdf#overlay-context=events/fairsfair-roadshow-netherlands">https://www.fairsfair.eu/events/default/files/06%20-%20FAIRsFAIR\_Culina.pdf#overlay-context=events/fairsfair-roadshow-netherlands</a>
- 12. Evolution Seminar, Bielefeld University (2021, 2 Feb): Open science & Meta-science for ecology & evolution. Why would we need it
- 13. Oxford Zoology Seminar Series (2020, 3. December, online): Meta-science for ecology and evolution, why would we need it?
- 14. Reproducible Science seminar Series, LMU Munich (2020, December, online): Open science & Metascience for ecology & evolution. Why would we need it
- 15. Better Research Through Better Data Roundtable, (2020 Nov, Online): FAIR but not OPEN: getting researchers on board. https://bit.ly/2KqUPu5
- 16. National Open Science Festival, Netherlands (2020, online) on SPI-Birds data hub
- 17. Wildlife Research and Conservation 2019, Berlin (2019): Uncovering population dynamic, habitat use, and life-history trade offs in bats and birds using capture recapture models
- 18. Open Science Conference, Berlin (2019): Low availability of code in ecology: call for urgent action.
- 19. NVG PhD Workshop, Egmond aan Zee (2018): What is Open Science and why practice it?
- 20. Cutting-Edge Ecology: the science of the 21st century, NIOO-KNAW (2018): Think big: integrative approaches, open data and modern ecological research.
- 21. DANS Open Day on Open Science, Den Haag (2018): Open science and open data in ecological and evolutionary research.
- 22. Warsaw Seminar Series in Ecology & Evolution, University of Warsaw (2017): How can fast growing data-landscape help ecological and evolutionary synthesis?
- 23. Open Science fair, Athens (2017): An Ecology and Evolution view of Open Science.
- 24. NIOO seminar series (2017): Navigating the unfolding data landscape in ecology and evolution.
- 25. Seminar series, Institute for Biodiversity and Ecosystem Dynamics, UvA (2017): How can fast growing data-landscape help ecological and evolutionary synthesis?
- 26. Behavioural Ecology Group Seminar, Wageningen University (2016): How does divorce fit into the story of social monogamy a bird's eye view.

- 27. Biological Anthropology Seminar Series, UCL Anthropology, University College London (2015): From meta-analysis to social networks: what have we learned about fidelity and divorce in socially monogamous species.
- 28. International Conference on Evolution and Behaviour, Zagreb, Croatia (2014): From meta-analysis to social networks: what have we learned about fidelity and divorce in socially monogamous species.
- 29. Wolfson college seminar series, Wolfson college, Oxford (2013): Social networks and divorce?

# Non-invited (10) - SELECTED

- 1. Evolution 2017, Portland (2017): Predicting evolutionary responses when genetic variance and selection covary with the environment: a large-scale Open Access Data approach.
- 2. BES Annual Meeting, Liverpool (2016): From pedigrees, through divorce, to microbes and CO2: how can fast growing data-landscape help ecological and evolutionary synthesis?
- 3. Publishing Better Science through Better Data by Springer Nature, London (2016): FAIR data, Meta-Analysis, and Evolutionary Biology
- 4. DI4R Conference, Krakow (2016): Emerging trends in Meta-Analysis with the increased availability of datasets.

I have presented posters at 12 international conferences

# **INCLUSIVE SCIENCE & OUTREACH (SELECTED)**

- Culina A. (2020): How I managed my work and personal life as a sole parent during the pandemic, Nature. doi: 10.1038/d41586-020-02329-x
- Culina A. (2018): Navigating the Open Data landscape in Ecology and Evolution lets make it work. Nature Ecology & Evolution Community: Behind the paper.
- Culina A. (2018): How I opened up towards Open Science. Springer Nature: Data Dialogues. https://go.nature.com/2GWOIde
- Culina A. (2018): Open Science and the long-tail of scientists work: Let's bridge the gap. ZWB

### Webcast and videos (selected)

- Nature Careers Webcast (2020): Tips from Nature Careers on managing time and childcare during the coronavirus pandemic <a href="https://www.nature.com/articles/d41586-021-00654-3">https://www.nature.com/articles/d41586-021-00654-3</a>
- D.A.N.C.E: Debunking sAme-sex aNimal prejudiCe and stereotypEs (2016) (https://vimeo.com/129345008; https://vimeo.com/131138049)
- Evolution Video contest by National Evolutionary Synthesis Center (winner 2012) http://vimeo.com/44808911

### IN MEDIA (SELECTED)

- Interview za Vecernji List: <a href="https://www.vecernji.hr/techsci/neki-proucavaju-mozak-ili-molekule-a-ja-radim-na-izucavanju-same-znanosti-1614024">https://www.vecernji.hr/techsci/neki-proucavaju-mozak-ili-molekule-a-ja-radim-na-izucavanju-same-znanosti-1614024</a>
- Vecenji List: Koliko informacija gubimo tijekom znanstvenog procesa?
   <a href="https://www.vecernji.hr/techsci/koliko-informacija-gubimo-tijekom-znanstvenog-procesa-1603681">https://www.vecernji.hr/techsci/koliko-informacija-gubimo-tijekom-znanstvenog-procesa-1603681</a>
- Hrvatska za 5: NEBRUŠENI BISERI HRVATSKE BUDUĆNOSTI, gostovanje u emisiji HTV1 (HRT4)
   (2022)

- Saving your data together helps bird research, News and Opinions, by British ecological society press office <a href="https://www.britishecologicalsociety.org/saving-your-data-together-helps-bird-research/">https://www.britishecologicalsociety.org/saving-your-data-together-helps-bird-research/</a>
- High time to open up ecological research, <a href="https://bioengineer.org/high-time-to-open-up-ecological-research/">https://scienmag.com/high-time-to-open-up-ecological-research/</a>, <a href="https://phys.org/news/2020-07-high-ecological.amp">https://phys.org/news/2020-07-high-ecological.amp</a>,
- I cannot always be as productive as Id like to be, interview for the NWO magazine https://www.nwo.nl/en/cases/i-cannot-always-be-productive-id-be
- De hele wereld die over je schouder meekijkt: moet dat echt?; Het Financieele Dagblad
- Croatian national television hrt1 hrvatska za 5, 14/06/2022