Dear Ph.D.-students

In this next seminar we shift our focus to research methods and tools. Citizen Humanities can be conducted in many ways. However, the field is increasingly digital, and we'll combine this approach with novel methods (including a case) that we hope you'll find useful – or will at the very least inspire you.

Accordingly, the week's activities will cover three themes.

1) Digital platforms and scientific crowdsourcing
2) Flash fiction writing (with the case Climate Future Fiction)
3) Hands on sessions on community development & communication, citizen engagement, how to engage and work with schools etc.

As in the first seminar you'll meet researcher's who have developed and employed these methods and work hands-on with them.

Bastian Greshake Tzovares has a background in biology but is now a a Senior Researcher within the Tools, Practices, Systems programme of the Alan Turing Institute in London, where he and his team are working on how to enable the co-creation of citizen science projects. He co-developed the Open Humans-platform (www.openhumans.org) and besides receiving his take on purpose and usefulness of Open Science and Citizen Science, he'll be part of the Flash Fiction Writing-case as we together will build a community on the platform.

Bryan Yazell, Leonardo Nolé, Tatiana Tilly from the Uses of Literature Centre at SDU. Together with SDU Citizen Science (Thomas) they are some the key people in the project Climate Future Fiction. In this project high school students employ flash fiction methods to write short stories (fiction) on climate change and the future. These stories are research data and part of the analysis and daily work at the centre. Leonardo and Bryan will run you through the method that can be potentially employed within your areas of research, we'll upload the stories to the community on Open Humans, and we'll co-analyse the data that will be included in the empiric within the field.

Mette Fentz Haastrup from SDU Citizen Center is a historian, former high school teacher and will offer cases, insights, tips and trick on working with schools.

You'll get a structured way to recruit, grow and engaged a community from Katrine & Thomas. And Jacob will demonstrate Citizen Science Labs and take you through a novel approach on how to gauge citizens' motivation and participation.

In this seminar we move from the theory of Citizen Humanities and the different levels of engagement to combining theory and practice and thus potentially both inspiring and empowering you to jump in.

During our 4 days together, there will again be amble time to both pitch your projects and receive feedback from all of us.

Monday, September 9th, 2024

SDU Odense, Campusvej 55, 5230Odense. Seminar room, DIAS Buidling

Time	Programme	Responsible	Comments & literature
09:00	Welcome, introductions	Thomas Kaarsted	
09:15	**Scientific crowdsourcing in practice**	Bastian G Tzovaras, Senior Researcher, The Alan Turing Institute, UK	UCL MOOC week 2: Scientific crowdsourcing principles and practice https://www.ucl.ac.uk/short-courses/search-courses/citizen-science-and-scientific-crowdsourcing-introduction …………………….. Explore these key platforms: https://www.inaturalist.org/ https://www.zooniverse.org/ https://lab.citizenscience.ch/en/ …………………….. An Epistemology for Democratic Citizen Science, Jaeger et al. 2023, preprint: https://osf.io/j62sb
10:30	Present: Current citizen science challenges of your PhD	Participants	*Please prepare a 5 min intro to your PhD theme and 'What are your Citizen Science ambitions and current obstacles?''* *Use our shared slide deck* *https://docs.google.com/presentation/d/1ziNAShByHKrzBUDPYQ9enfrGxUaI_cD9CPF4ln3DAHQ/edit?usp=sharing*
12:00	Lunch		
13:00	**Introduction to Flash Fiction**	Leonardo Nolé	Brief introduction to Leo's research and connection to the project Overview of methods and theories - What are the environmental humanities? What are its most pressing debates? What methods does it use to connect culture to the environmental crisis? - Introduction to flash fiction: what are its key features? How does it connect to climate writing? - OPENING survey: climate emotions (reuse from CFF) Literature for inspiration:

			Laila Al-Sharqi & Irum Saeed Abbasi (2015): Flash Fiction: A unique Writer-Reader Partnershi. Studies in Literature and Language, vol. 11, no.1. file:///C:/Users/thk/Downloads/flashfiction.pdf Bryan Yazell & Patricia Wolf: Climate Fiction for leveraging high school students far-future climate perspectives. Conference abstract. Conference: CINet 2023. file:///C:/Users/thk/Downloads/yazell-wolf-017-fp-cinet2023.pdf Luigina Ciolfi & and Eleanor Lockley (2019). Exploring flash fiction for the collaborative interpretation of qualitative data. 'Proceedings of the 17th European conference on computer-supported cooperative work: the international venue on practice-centred computing an the design of cooperation technologies - exploratory papers, reports of the European Society for Socially Embedded.' https://shura.shu.ac.uk/24439/2/ExplPaperCiolfiLockleyCRCC.pdf
14:00	**Write a climate fiction short story**		Flash fiction module - 3 writing sessions guided by Leo - Afterwards, 1 writing session dedicated to finalizing the stories (e.g., typing into Word; providing conclusion) - To conclude, the students exchange papers and complete provided worksheets that identify features, points of connection to their own, etc. Literature Basic introduction: how the method runs in practice. Sean Glatch: How to write flash fiction stories (2019). https://writers.com/how-to-write-flash-fiction
16:00	End		

Tuesday, September 10th, 2024

SDU Odense, Campusvej 55, 5230Odense. Room: 'Hjertet', Health Science Faculty

Time	Programme	Responsible	Comments & literature
09:00	**Climate Fiction case**	Bryan Yazell, Associated Professor, Department of Culture and Language, SDU	Introduction of research project PACA and Climate Future Fiction. Elaboration on citizen science methods and environmental humanities/interdisciplianry studies - What are its benefits and limitations? Overview of student-authored stories - What features appear? What do they tell us? - How do we use these stories as data for understanding the climate imaginary?
10:00	**Online communities and platforms** Open Humans, SciStarter, Zoonivers *– What would a platform for the Climate Fiction project look like?*	Bastian G Tzovaras	Open Humans: A platform for participant-centered research and personal data exploration, Tzovaras et al. 2019, GIgaScience: 10.1093/gigascience/giz076
11:30	*Upload your short story*		
12:00	Lunch		
13:00	**Citizen Science labs** *– How would you design your lab?*	Jacob Buur	Cooper, C., and Buur, J. (accepted). Exploring bike-commuter habits through data physicalization engagement. Behaviour & Information Technology Coact: Explore this Horizon-EU-projEct on Citizen Social Science and familiarize yourself with the CSS Toolkit. https://coactproject.eu/what-is-coact/ CCCB blog post. J. Perelló. Citizen Science: Knowledge takes power https://lab.cccb.org/en/citizen-science-knowledge-takes-power/ CCCB blog post. OpenSystems. Citizen Science for Social Change https://lab.cccb.org/en/citizen-science-for-social-change/ Bonhoure, I., Cigarini, A., Vicens, J. et al. Reformulating computational social science with citizen social science: the case of a community-based mental health care research. Humanit Soc Sci Commun 10, 81 (2023). https://doi.org/10.1057/s41599-023-01577-2

Time	Programme	Responsible	Comments & literature
14:30	**Citizen Science education program** – *What would your program look like?*	Mette Fentz Haastrup	Heidi L. Ballard (2023). Community and citizen science in schools: nested inquiries, productive tensions, and the role of communities. *Instructional Science*, 51(5), 913-919. https://doi.org/10.1007/s11251-023-09643-7 J. Harlin., Kloetzer, L., Patton, D., Leonhard, C., & Leysin American School high school, s. (2018). Turning students into citizen scientists. In S. Hecker, M. Haklay, A. Bowser, Z. Makuch, J. Vogel, & A. Bonn (Eds.), *Citizen Science* (pp. 410-428). UCL Press. https://www.jstor.org/stable/j.ctv550cf2.35
16:00	End		

Wednesday, September 11th, 2024

SDU Odense, Campusvej 55, 5230 Odense. Room: 'Hjertet', Health Science Faculty

Time	Programme	Responsible	Comments & literature
09:00	**Climate Fiction co-analysis workshop**	Bryan Yazell, Leonardo Nolé and Tatiana Tilly	Introduction to Tatiana's research project and elaboration on the relation of fiction to climate-change activism - How do activists 'use' fiction to shape their efforts? How do they use fiction to encourage others to join in their efforts? Co-analysis of stories - Group discussion of the experience writing the stories; thoughts on their peers' stories; what features stood out to them in each case - Researchers present key 'findings' from the stories (i.e., we answer the question of how we can turn the stories into 'data' worthy of analysis in the first place) - Concluding survey: how did the exercise help clarify their 'feelings' about climate change? Literature? Both?
12:00	Lunch		
13:00	Individual reflections and consultations with presenters		
16:00	End		

Thursday, September 12th, 2024

SDU Odense, Campusvej 55, 5230Odense. Seminar room, DIAS Buidling

Time	Programme	Responsible	Comments & literature
09:00	Present: Your PhD citizen engagement plan	Participants	*Please prepare a 5 min presentation about your plans.* *Use our shared slide deck* *https://docs.google.com/presentation/d/1ziNAShByHKrzBUDPYQ9enfr GxUaI_cD9CPF4ln3DAHQ/edit?usp=sharing*
10:00	Community development & communication partners	Thomas Kaarsted Katrine Astrup Jacobsen	Skarlatidou, A, et al. (2019). The Value of Stakeholder Mapping to Enhance Co-Creation in Citizen Science Initiatives. Citizen Science: Theory and Practice, 4(1): 24, pp. 1–10. DOI: https://doi.org/10.5334/cstp.226 Pyrko, I., Dörfler, V., & Eden, C. (2017). Thinking together: What makes Communities of Practice work? *Human Relations*, *70*(4), 389-409. https://doi.org/10.1177/0018726716661040 Minarchek, B. V. Lewenstein, M. E. Krasny, and R. Bonney. 2012. Public participation in scientific research: a framework for deliberate design. Ecology and Society 17(2): 29. http://dx.doi.org/10.5751/ES-04705-170229
12:00	Lunch		
13:00	Course evaluations Preview next seminar	Jacob Buur Thomas Kaarsted	
14:00	Small group workshops and consultations	Participants	
16:00	End		