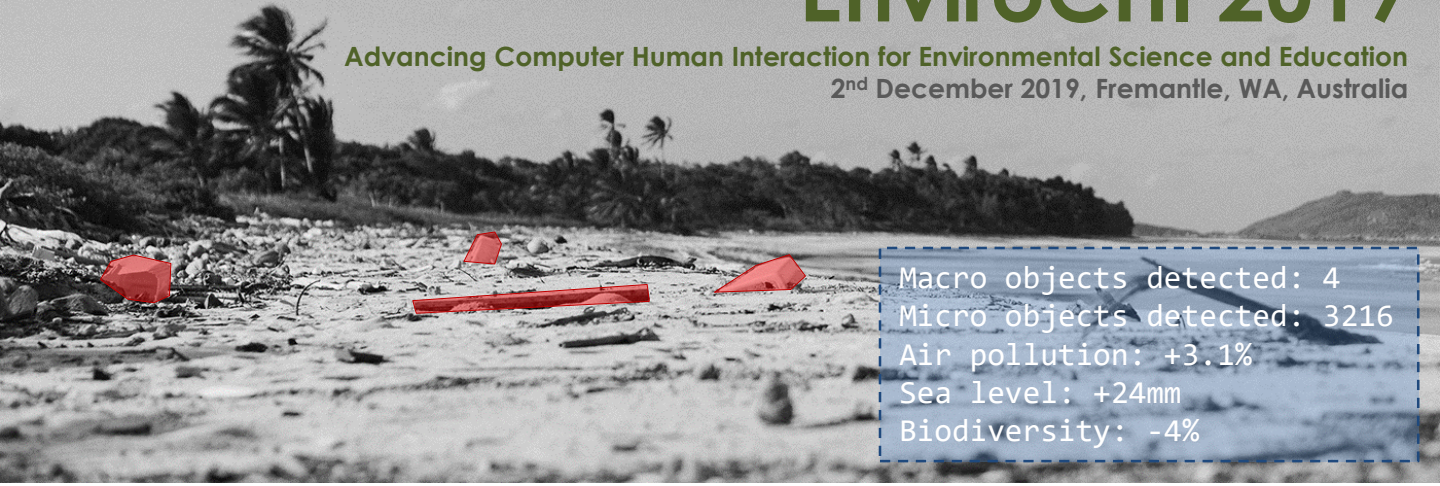


EnviroCHI 2019

Advancing Computer Human Interaction for Environmental Science and Education
2nd December 2019, Fremantle, WA, Australia



Macro objects detected: 4
Micro objects detected: 3216
Air pollution: +3.1%
Sea level: +24mm
Biodiversity: -4%

Workshop Organisers

Ulrich Engelke
CSIRO Data61

Dirk Slawinski
CSIRO Oceans & Atmosphere

Anais Pages
CSIRO Mineral Resources

EnviroCHI Website

<https://wp.csiro.au/envirochi/>

OzCHI Website

www.ozchi.org/2019/

Enquiries to

envirochi@gmail.com

Draft schedule

8:45 – 9:00	Opening
9:00 – 9:30	Invited Keynote
9:30 – 10:30	Presentations
10:30 – 11:00	Morning tea
11:00 – 11:45	Presentations
11:45 – 12:30	Panel discussion
12:30 – 13:30	Lunch
13:30 – 15:00	Breakout sessions
15:00 – 15:30	Afternoon tea
15:30 – 16:00	Reporting
16:00 – 17:00	Discussion

In conjunction with



Our natural environment is under significant pressure: climate change, plastic pollution, and biodiversity loss, are among the major threats that our planet is currently facing. Scientists study environmental phenomena to understand these changes and develop models of future impact. Technology plays an ever-important role in these endeavours and effectively dealing with the overwhelming number of data sources is imperative in making informed decisions. The human element plays a particularly important role in leading positive change towards a more sustainable society and resilient environment. It is therefore imperative to enable scientists to do their research, educate the general public, and reach out to key decision makers.

EnviroCHI'19

The workshop will be held on 2nd December 2019 in conjunction with the annual OzCHI conference at the beautiful Esplanade Hotel in Fremantle, WA. The aim of EnviroCHI is to bring the CHI, environmental science, and education communities together to identify major challenges and opportunities in this space. The day will consist of presentations, a panel, and interactive discussions. Initial output may include a publication summarising the day's findings, but longer-term outcomes intend to include a national collaborative research agenda for CHI in environmental science and education.

SCOPE

We accept position papers from the CHI, environmental science/education, and other relevant communities. Submissions should broadly cover aspects at the intersection between environmental science/education and computer human interaction.

Specific topics include but are not limited to:

- Interaction and interface design for environmental science/education.
- Visual analytics systems for environmental science/education.
- Immersive technologies and visualisation for environmental science/education.
- In-situ systems for field studies in environmental science/education.
- Case studies and user studies in CHI for environmental science/education.
- Brief surveys of specific areas in CHI for environmental science/education.
- Challenges and opportunities in CHI for environmental science/education.

SUBMISSION INFORMATION

Authors are invited to submit **2-4 page position papers** using the templates provided by ACM Publications. Please submit your manuscript before the submission deadline (see important dates below) to envirochi@gmail.com. Each submission will be reviewed by a member of the organising committee and an external program committee member. Accepted papers are published in the workshop proceedings.



IMPORTANT DATES

Paper submission deadline: 13 October 2019

Notification of acceptance: 27 October 2019

EnviroCHI'19 Workshop: 2nd December 2019