

Introducing the OHBM Sustainability and Environmental Action Special Interest Group

OHBM SEA-SIG



Introduction

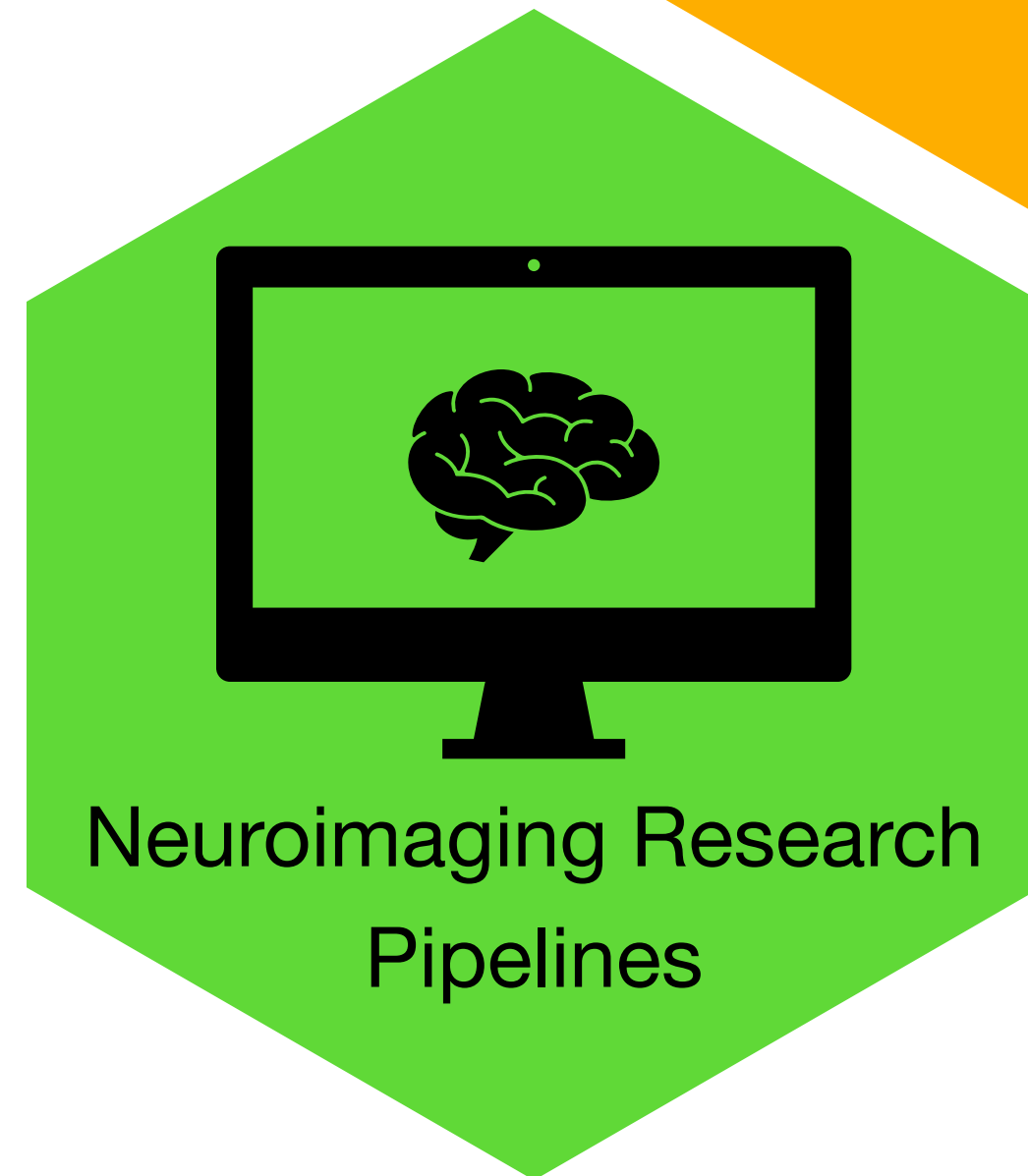
About Us and Our Aims

- The Sustainability and Environmental Action group was formed by the Organisation for Human Brain Mapping (OHBM) in 2020 to reduce the impact that the organisation and its members have on the environment
- The group works to develop tools and educational materials that help researchers be aware of their environmental impact and make changes to minimise this.
- This includes working directly with OHBM to advise on how the annual conference can be made more sustainable
- The group aims to be a supportive forum where people within the neuroimaging community and beyond can work together to help preserve our planet for the future

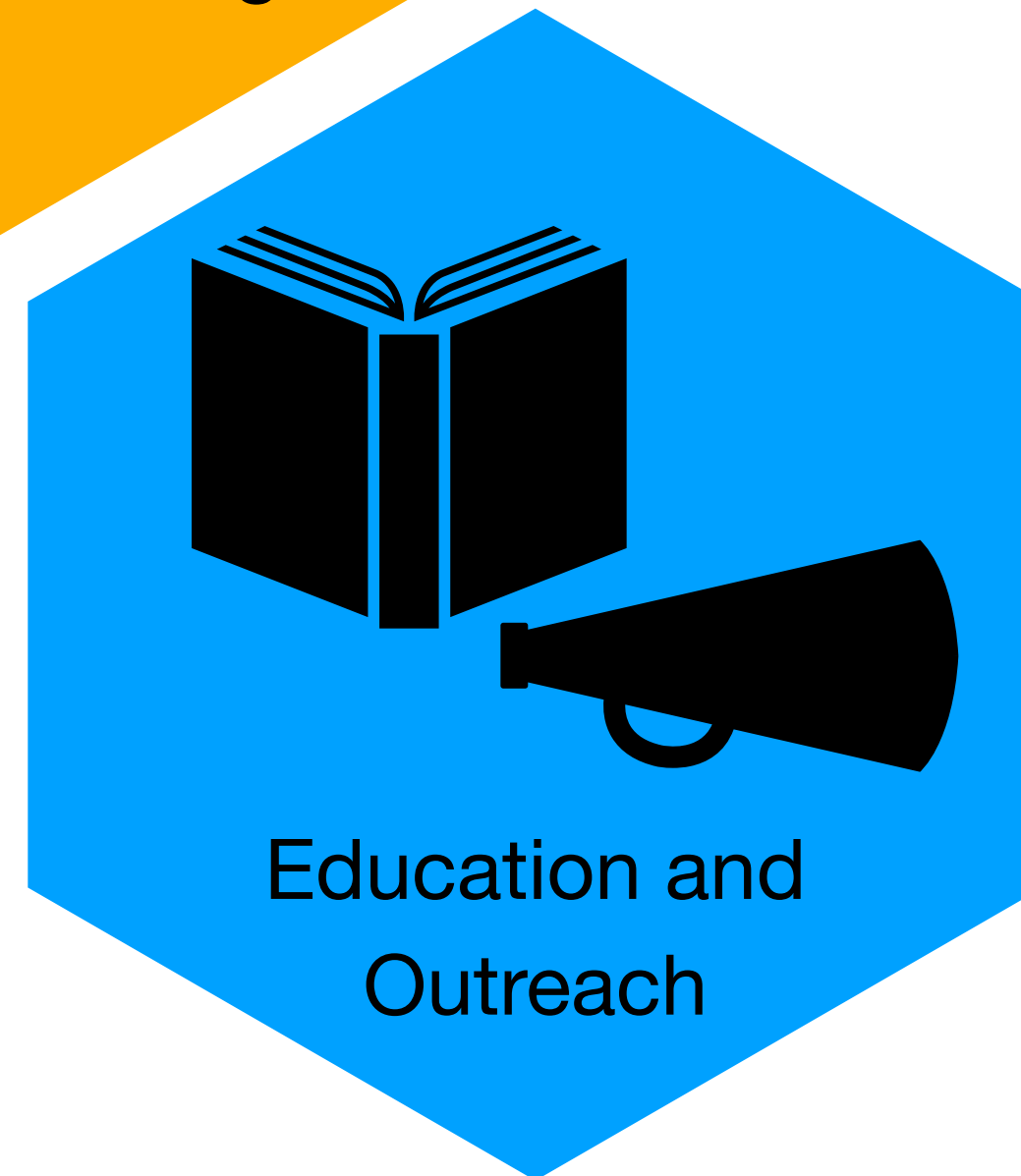
Our Working Groups



Annual Meeting



Neuroimaging Research
Pipelines



Education and
Outreach

Annual Meeting

- **The OHBM annual meeting has a huge carbon footprint. Post-Covid, we need a more sustainable meeting format**
- **Purpose: to assess the footprint of the annual meeting and campaign for more sustainable conference formats**

Key tasks:

- Assess the footprint of the annual meeting
- Prepare a meeting for Council on our vision for a sustainable post-covid annual meeting format
- Use feedback from OHBM members to propose new meeting formats
- Tackle unattainable conference centre practises
- Collaborate with the Education & Outreach working group on educational activities during the annual meeting

Neuroimaging Research Pipelines

- **Neuroimaging research can involve complex and often resource-intensive analysis pipelines**
- **The purpose of this group is to better understand the environmental costs of these research pipelines and develop tools to help reduce these costs.**

Key tasks:

- Assessing environmental impact of neuroimaging research pipelines
- Investigating how these impacts can be minimised
- Exploring pathways to sustainable neuroimaging research
- Providing resources for practitioners to calculate the environmental impacts of their research
- Develop research pipelines that have a reduced environmental impact

Education and Outreach

- **Individuals and organisations need clear and accurate information about environmental issues for planning and changing behaviours**
- **Purpose: To develop educational resources for the neuroimaging community and related organisations to effectively communicate the information that they need**

Key tasks:

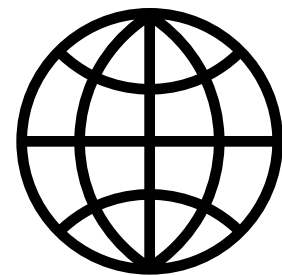
- Evaluate responses to communications about environmental issues
- Communicating with external industry partners to advocate for reducing environmental impacts of hardware and computing infrastructure
- Liasing with sister neuroscience societies to strengthen ties and share resources
- Showcasing the work of other working groups to develop educational activities and to raise the profile of sustainable Neuroimaging best practise

Connect With Us!

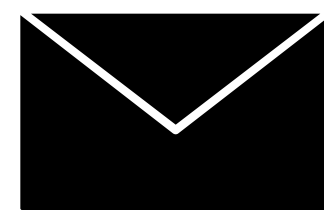
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