Southeast Alaska Geo-Hackathon Workshop*

*Applying Earth Observation Technology to Resource Challenges of Indigenous Communities*

- Learn from and engage Indigenous communities ranging from Tlingit country to Aboriginal Australia and Amazonia on traditional perspectives of environmental change and identify associated resource challenges.
- Explore, learn about, and apply "Big EO" technology like remote-sensing satellite imagery and "Little EO" data-collection platforms like drones, submersibles and phones.
- Be part of a local UAS team and international network of indigenous members, students, resource and technology professionals, and scientists --- ranging from UAS and European and Australia universities to the European Space Agency and NASA --- to pilot earth-observation (EO) solutions to resource issues of Indigenous communities.
- Collaborate and compete remotely in the 2019 GEO Hack challenge based in Canberra, Australia, the final winners of which will present their challenges and solutions to the Earth observations community at GEO Week, 3-8 November.

**Timeline & Opportunities for Participation:**

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<th>Pre-Hack</th>
<th>Global Hackathon</th>
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<td>Friday Oct 25 1:00p - 5:00p</td>
<td>Friday Nov 1 1:00p - 5:00p</td>
<td>Saturday Nov 2 1:00p - 3:00p</td>
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- Listen to traditional perspectives, & discuss EO solutions to local environmental challenges
- Network globally and collaboratively develop a local EO solution
- Learn about other EO Solutions

**Mandatory for enrolled students**

**Recommended for others**

*The workshop may be taken for academic credit (GEOG/ENVS 393: Special Topics, 1-cr) through the University of Alaska Southeast. The workshop fulfills geospatial analysis degree-requirements in the UAS Environmental Science and Geography programs. JSD high-school juniors & seniors seeking college experience and possible credit are encouraged to participate. Juneau community members - especially those interested in engaging students and youth are encouraged to participate. The workshop is free but all participants must register.*

To register for the workshop, fill out this [Form](#).

To also take this for academic credit, enroll through the [UAS registrar](#).

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