



Using UN Biodiversity Lab to Monitor the Pulse of the Planet

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April 27, 2022



Important Information

- **Interpretation**

- Interpretation is available to French and Spanish
- Please select your language and stay on it for the duration of the session

- **Technical Support**

- Andrés Rosas
- Send a private message via Zoom, or
- Send a whatsapp message to [+33 749 44 89 02](https://www.whatsapp.com/message/33749448902)



Course Structure

- **Three intermediate sessions**

- Intermediate sessions will be held on **April 14, 21, and 28**
- For the intermediate sessions, there will be 3 sessions per day presenting the same material in:
 - English (9:00-10:30 EST)
 - French (11:00-12:30 EST)
 - Spanish (15:00-16:30 EST)

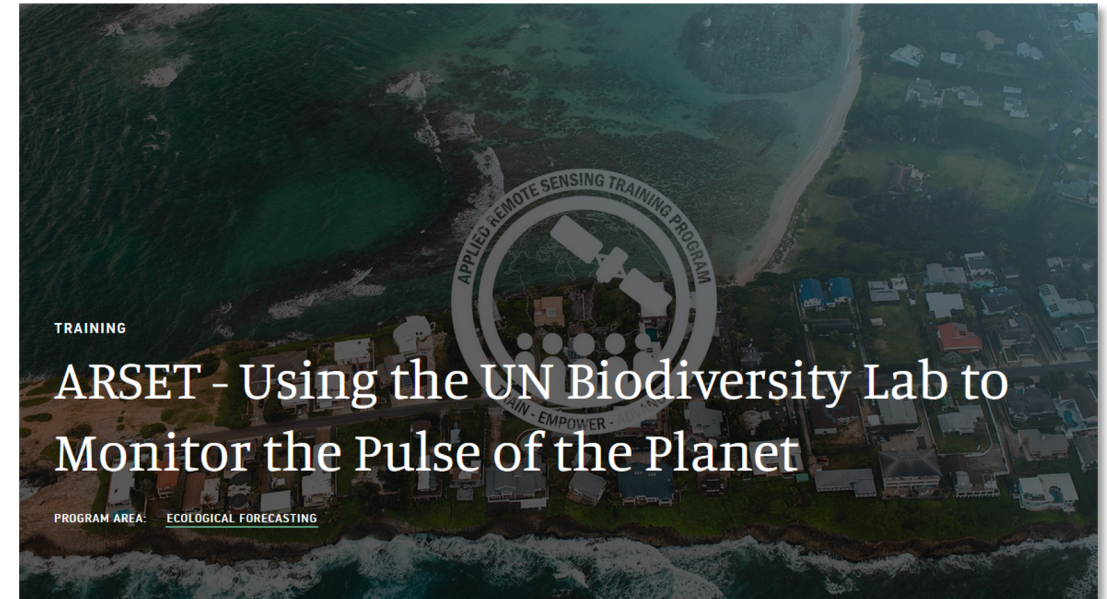
- **Two advanced labs**

- Advanced labs will be held on **April 27** and **May 4**
- Please register for these separately via the course website
- Offered in English with simultaneous interpretation to French and Spanish
 - The lab sessions will be limited to 250 registrants (Advanced Lab 1) / 150 registrants (Advanced Lab 2)



Course Materials and Q&A

- Webinar recordings, PowerPoint presentations, and the homework assignment can be found after each session at:
 - <https://appliedsciences.nasa.gov/join-mission/training/english/arset-using-un-biodiversity-lab-monitor-pulse-planet>
- Q&A: Following each lecture and/or by email:
 - amberjean.mccullum@nasa.gov
 - juan.l.torresperez@nasa.gov
 - anne.virnig@undp.org



Homework and Certificates

Intermediate Sessions

- **Homework:**
 - One homework assignment for the intermediate sessions submitted via Google Forms
 - Available on training website
- **Certificate of Completion**
 - Attend all three live intermediate webinars
 - Complete the homework assignment by **Thursday, May 12**
 - You will receive certificates approximately two months after completion of the course from: marines.martins@ssaihq.com

Advanced Sessions

- **Certificate of Completion for Lab 1:**
 - Register on UN Biodiversity Lab (Homework Assignment 1) **by today, Wednesday April 27**
 - Attend this live session
 - Submit Homework Assignment 2 to support@unbiodiversitylab.org **by 11 May**



Course Outline (Intermediate Sessions)

Part 1: Using UN Biodiversity Lab to Support Country-Led Action on Biodiversity and Sustainable Development

- NASA satellites and sensors
- Global policy context
- UNBL basic functionalities
- Country case studies

Part 2: Exploring the UN Biodiversity Lab Public Platform

- UNBL recap
- Data products and tools
- UNBL public platform functionalities

Part 3: Exploring UN Biodiversity Lab Secure Workspaces

- UNBL workspace functionalities
- Essential life support areas and future functionalities



Course Outline (Advanced Labs)

Advanced Lab 1: Mastering the UNBL Public Platform

- Deep dive on UNBL public platform functionalities
- Independent exercise on the use of public platform

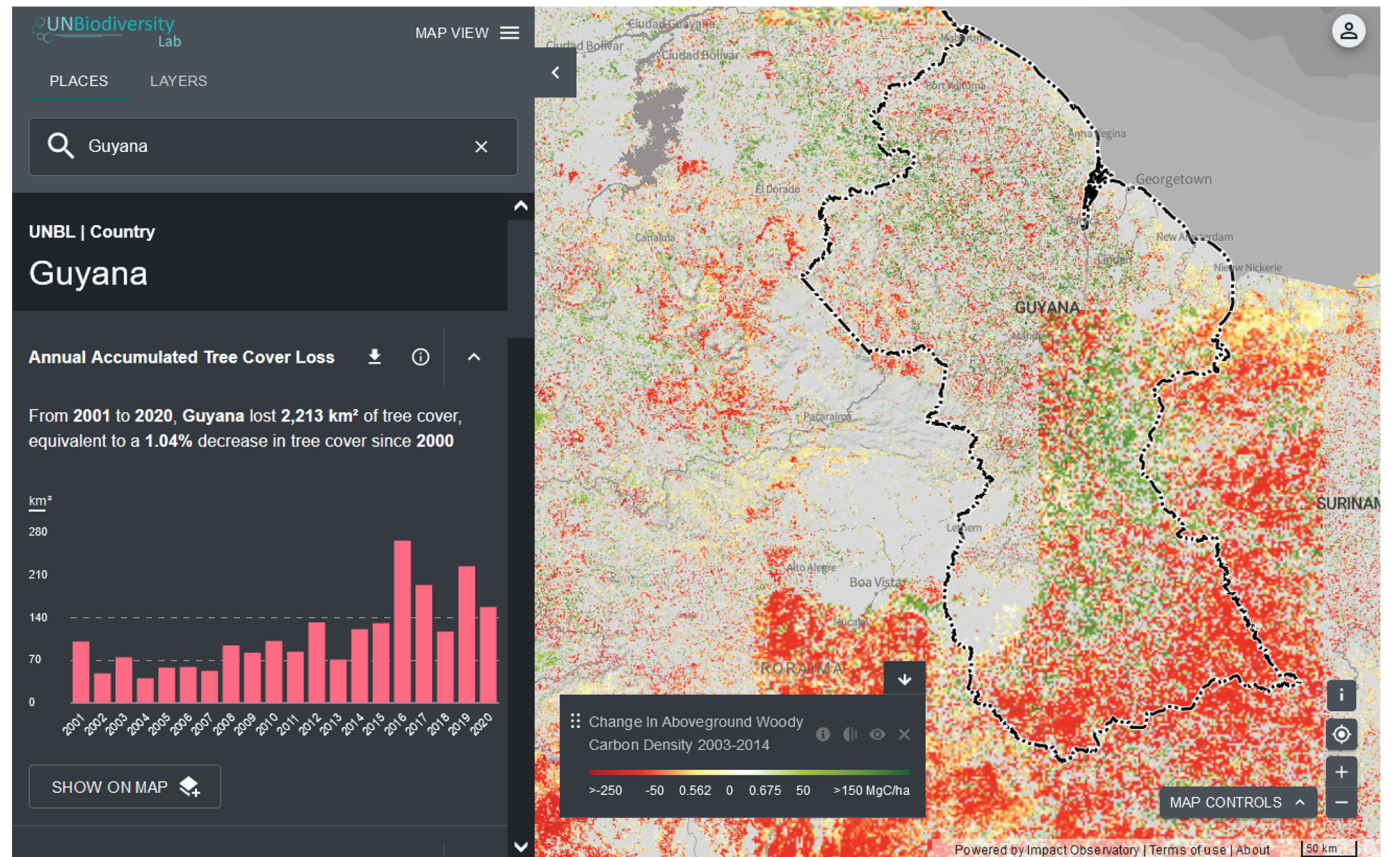
Advanced Lab 2: Mastering UNBL Secure Workspaces

- Deep dive on UNBL secure workspace functionalities
 - Add users and assign privileges
 - Upload data layers
 - Calculate dynamics
- Independent exercise on the use of secure workspaces



Advanced Lab 1 Agenda

- Homework review:
 - HW 1: Register on UNBL
 - HW 2: Find your country, load a layer, and produce a map
- Co-led exercise: Use UNBL to create a map and download the underlying data
- Co-led exercise: View land cover and terrestrial biomes and download metrics
- Co-led exercise: Explore UNBL data collections



Changes in aboveground woody carbon density from 2003-2014 in Guyana. Image credit: <https://unbiodiversitylab.org/>





Homework Review

Contacts

Follow us on Twitter
[@NASAARSET](https://twitter.com/NASAARSET)

- Trainers:
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 - Di Zhang: di.zhang@undp.org
- Training Webpage:
 - <https://appliedsciences.nasa.gov/join-mission/training/english/arset-using-un-biodiversity-lab-check-out-our-sister-programs-monitor-pulse-planet>





Thank You!





Convention on
Biological Diversity

