

WEB 11.0



**NOVEMBER 17-19
2025**

**Sustainability, Technologies
and Social Inclusion:**

*Challenges for Environmental
Sciences in the context of
globalization*



NAB
Núcleo de Estudos em
Biomassa e Gerenciamento de Água
Universidade Federal Fluminense



EVENT SCHEDULE

DAY 1 - NOVEMBER 17, 2025 (MONDAY)

DAILY THEME: ENVIRONMENTAL JUSTICE AND SOCIAL INCLUSION IN ENVIRONMENTAL SCIENCES

8:00 AM

REGISTRATION

9:00 AM

OFFICIAL OPENING OF WEB 11.0

9:30 AM

KEYNOTE LECTURE: “CLIMATE JUSTICE AND ENVIRONMENTAL CITIZENSHIP: THE ROLE OF SCIENCE IN COMBATING INEQUALITIES”
PROF. DR. WALTER LEAL - HAMBURG UNIVERSITY OF APPLIED SCIENCES (GERMANY)

10:30 AM

COFFEE BREAK

11:00 AM

ROUNDTABLE 1: “TRADITIONAL KNOWLEDGE AND SOCIAL INNOVATION: PATHWAYS TO INCLUSIVE SUSTAINABILITY”
PROF. DR. MARIA BEATRIZ OLIVEIRA - UP (PORTUGAL)
CLAUDIA ROSE - MUSEU DA MARÉ
REINALDO ABREU - RECICLANIT

12:30 PM

LUNCH BREAK

WWW.PGEB.UFF.BR

EVENT SCHEDULE

DAY 1 - NOVEMBER 17, 2025 (MONDAY)

DAILY THEME: ENVIRONMENTAL JUSTICE AND SOCIAL INCLUSION IN ENVIRONMENTAL SCIENCES

14:00 PM

LECTURE: "BIOAS TECHNOLOGY: INTEGRATING SOIL HEALTH
AND SUSTAINABLE AGRICULTURAL MANAGEMENT"

DR. GUILHERME MONTADON CHAER - EMBRAPA AGROBIOLOGIA

15:00 PM

LECTURE: "CERTIFICATIONS AND GREEN MARKETS:
OPPORTUNITIES FOR SMALL PRODUCERS"

ELISA FURTADO MADI - INSTITUTO NACIONAL DE TECNOLOGIA (INT)

16:30 PM

COFFEE BREAK

17:00 PM

POSTER SESSION 1

20:00 PM

ONLINE SHORT COURSES

WWW.PGEB.UFF.BR

EVENT SCHEDULE

DAY 2- NOVEMBER 18, 2025 (TUESDAY)

DAILY THEME: ARTIFICIAL INTELLIGENCE AND TECHNOLOGIES FOR SUSTAINABILITY

9:00 AM

LECTURE: "YOUTH, TERRITORY, AND SOCIAL
TECHNOLOGIES: HOW TO CONNECT LOCAL AND GLOBAL
AGENDAS?"

PROF. DR. CARLOS CIOCE SAMPAIO - COORDENADOR DA ÁREA DE
CIÊNCIAS AMBIENTAIS - CAPES

10:00 AM

COFFEE BREAK

10:30 AM

LECTURE: "UNDERGROUND DAM: TRANSFORMING LIVES
IN BRAZIL'S SEMI-ARID REGION"

DR. MARIA SONIA LOPES DA SILVA- EMBRAPA SOLOS - UEP, RECIFE

12:00 AM

LUNCH BREAK

WWW.PGEB.UFF.BR

EVENT SCHEDULE

DAY 2- NOVEMBER 18, 2025 (TUESDAY)

DAILY THEME: ARTIFICIAL INTELLIGENCE AND TECHNOLOGIES FOR SUSTAINABILITY

14:00 PM

**ROUNDTABLE 2: “SMART AGRICULTURE, SENSORS, AND
BIG DATA: TECHNOLOGIES APPLIED TO SUSTAINABILITY”**

*DR. MARGARETH GONCALVES SIMOES (EMBRAPA SOLOS), PROF. DR.
IVANOVICH SALCEDO (UFF), PROF. DR. MARCIO CATALDI (UFF) AND
THE PHD-CANDIDATE LEONARDO RICCIARDI (UFF)*

15:30 PM

COFFEE BREAK

16:00 PM

**LECTURE: “SUSTAINABLE MACHINE LEARNING
APPROACHES TO EXTREME WEATHER EVENTS”**

PROF. DR. MARIZA FERRO - UFF

17:00 PM

POSTER SESSION 2

20:00 PM

ONLINE SHORT COURSES

WWW.PGEB.UFF.BR

EVENT SCHEDULE

DAY 3 - NOVEMBER 19, 2025 (WEDNESDAY)

DAILY THEME: SUSTAINABLE AGRICULTURE ON SMALL AND LARGE SCALES

9:00 AM

LECTURE: “RECONCILING SOIL, WATER, AND BIODIVERSITY
CONSERVATION WITH AGRICULTURAL PRODUCTION IN
THE STATE OF RIO DE JANEIRO”

DR. FABIANO DE CARVALHO BALIEIRO- EMBRAPA SOLOS

10:00 AM

COFFEE BREAK

10:30 AM

ROUNDTABLE 3: “FAMILY FARMING AND LARGE PRODUCERS:
IS IT POSSIBLE TO DISCUSS SUSTAINABILITY”?

PROF. DR. RODOLFO CARDOSO - UFF

PROF. DR. FÁBIO LOPES OLIVARES - UENF

12:00 AM

LUNCH BREAK

WWW.PGEB.UFF.BR

EVENT SCHEDULE

DAY 3 - NOVEMBER 19, 2025 (WEDNESDAY)

DAILY THEME: SUSTAINABLE AGRICULTURE ON SMALL AND LARGE SCALES

14:00 PM

LECTURE: “REGENERATIVE AGRICULTURE, AGROFORESTRY, AND
NEW APPROACHES TO RURAL CARBON”

*PROF. DR CIRO ABBUD RIGHI - ESALQ /USP
SEBASTIÃO PINHEIRO - UFRS*

15:00 PM

LECTURE: “IMPACT OF GREEN TECHNOLOGIES ON MICROBIOTA IN
AGRICULTURAL SYSTEMS”

*PROF. DR. ANDREA BITTENCOURT MOURA - UFPEL (RETIRED PROFESSOR),
FOUNDING PARTNER OF SANTA BACTÉRIA*

16:00 PM

COFFEE BREAK

16:30 PM

FINAL PANEL: “INTEGRATION BETWEEN SCIENCE, TECHNOLOGY,
AND ENVIRONMENTAL JUSTICE: REFLECTIONS FROM WEB 11.0”

*DEBATE WITH PGEB STUDENTS, PROF. DR. GERALDO FERREIRA AND THE
PUBLIC*

17:30 PM

AWARDS' CEREMONY AND CLOSING CEREMONY WEB 11

18:30 PM

FAREWELL PARTY

WWW.PGEB.UFF.BR