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5-6 MAY 2025



// BACKGROUND

Sustainability in the curriculum and operations of universities in Brazil is a growing trend, reflecting the global emphasis on addressing environmental challenges. Many universities offer degrees specifically focused on sustainability, such as environmental science, sustainable development, and renewable energy. Also, sustainability topics are integrated into a variety of disciplines, from engineering and architecture to business and social sciences. Moreover, many universities have established research centers dedicated to sustainability, focusing on issues like climate change, biodiversity, and sustainable urban planning. As a growing trend, student groups often lead sustainability initiatives on campus, organizing events, workshops, and awareness campaigns. From the operations side, many universities are investing in energy-efficient buildings and renewable energy sources, such as solar panels and wind turbines. Comprehensive recycling programmes and waste reduction strategies are being implemented to minimize the environmental footprint of universities. There are also other measures which include rainwater harvesting, efficient irrigation systems, and water recycling.

There is a perceived need for events which may cater for in-depth discussions about how universities in Brazil are implementing sustainability in their curriculum and operations. It is against this background that the "Symposium on Sustainability in the Curriculum and Operations of Universities in Brazil" is being organized. The Symposium aims to provide a platform for researchers and educators engaged with sustainability education and operations, to exchange their knowledge and perspectives through a face-to-face event to be held at the Federal University of Uberlândia, in Brazil.

AIMS

The Symposium aims to provide a platform for Brazilian universities to showcase their work in sustainable curriculum and operations while facilitating the exchange of knowledge, experiences, and best practices. By discussing innovative approaches and exploring successful projects, case studies, and methodologies, the event seeks to enhance awareness and engagement among faculty, students, and administrative staff. Additionally, it fosters interdisciplinary collaboration and partnerships among universities, educational institutions, NGOs, and government agencies, creating synergies to strengthen sustainability initiatives in higher education curricula and campus operations.

PARTICIPANTS

Delegates come from a cross-sectoral range of areas. They are:

- members of university administrations;
- teaching staff
- research staff;
- students:
- campus facilities and operations staff;
- project officers and consultants;
- other people interested in the field.

ORGANISERS

- Federal University of Uberlândia, Uberlândia, Brazil
- Manchester Metropolitan University
- Hamburg University of Applied Sciences Research and Transfer Centre "Sustainable Development and Climate Change Management"

PARTNERS

- European School of Sustainability Science and Research (ESSSR)
- Inter-University Sustainable Development Research Programme (IUSDRP)
- UK Consortium of Sustainability Research (UK-CSR)
- German-Brazilian Science and Technology Network (GERBRAS-SCIENCENET)
- Cátedra Jean Monnet, Federal University of Uberlândia, Brazil

LOCATION

The Symposium will be held at:

Universidade Federal de Uberlândia Auditório do Bloco 5S – Campus Santa Mônica Av. João Naves de Ávila, n. 2121 Bairro Santa Mônica, Uberlândia – MG, Brasil CEP 38408-100

SCHEDULE

MONDAY	MAY 5, 2025			
08:00 - 09:00	Arrival and Registrations			
09:00 – 09:30	Walter Leal, Hamburg University of Applied Sciences (Germany) and Manchester Metropolitan University (UK) Jaluza Maria Lima Silva Borsatto, Federal University of Uberlândia (Brazil) Catarina Machado Azeredo, Vice-Rector of the Federal University of Uberlândia Yara Cristina Paiva Maia, Director of Postgraduate Studies/UFU Florisvaldo Paulo Ribeiro Júnior, Vice-Rector of Extension and Culture/UFU Waldenor Barros Moraes Filho, Vice-Rector of Undergraduate Studies/UFU Cíntia Rodrigues de Oliveira, Director of School of Management and Business/UFU Carla Bonato Marcolin, Coordinator of Postgraduate Program in Business Administration/UFU Dilson Dalpiaz Dias, Municipal Secretary of Environmental Management and Sustainability, Uberlândia City Hall Dandara Tonantzin Silva Castro, Federal Deputy in Brazil			
09:30 – 10:00	Amanda Thaylassa Gondim Ferreira, Municipal Councilor of Uberlândia Plenary Session 1 Role of networks in guiding sustainability in higher education Prof. Dr. Walter Leal, Hamburg University of Applied Sciences (Germany) and Manchester Metropolitan University (UK)			
10:00 – 10:30	Plenary Session 2 Artificial Intelligence for Sustainability Governance in Universities Prof. Dr. Carla Bonato Marcolin, Federal University of Uberlândia, Brazil			
10:30 - 11:00	Break			
11:00 – 12:30	Parallel Sessions A			
12:30 - 14:00	Lunch			
14:00 – 15:30	Parallel Sessions B			
15:30 – 16:00	Break			
16:00 – 17:30	Poster Session			
Evening	Free			
TUESDAY	MAY 6, 2025			
09:00 - 09:10	Opening Session			
09:10 – 09:40	Plenary Session 3 Regional Aspects of Sustainability and the Role of Universities Prof. Dr. Aracy Alves Araújo, Federal University of Uberlândia, Brazil			
09:40 - 10:40	Parallel Sessions C			
10:40 - 11:00	Break			
11:00 – 12:00	Parallel Sessions D			
12:00 - 13:30	Lunch			
13:30 – 14:00	Plenary Session 4 Sustainability in University Hospitals Prof. Dr. Jaluza Maria Lima Silva Borsatto, Federal University of Uberlândia, Brazil			
14:00 – 15:00	Parallel Sessions E			
15:00 – 15:30	Hand-over of the best papers awards & closing remarks Prof. Dr. Walter Leal and Prof. Dr. Jaluza Maria Lima Silva Borsatto			

DETAILED PRESENTATIONS PROGRAMMEDay 1

MAY 5, 2025 (Monday)				
08:00 – 09:00		5S Audit	orium	Arrival and Registrations
09:00 – 09:30		5S Auditorium		Opening Ceremony
09:30 - 1	09:30 – 10:00		orium	Plenary Session 1
10:00 – 10	0:30	5\$ Auditorium		Plenary Session 2
10:30 – 1	1:00	5S H	all	Break
11:00 – 1	2:30	5R Auditoriums		Parallel Sessions A
Activity	Room	Moderator	Time	Presentation
	5R – A Auditorium	Amanda Salvia	11:00 – 11:20	Sustainability maturity: An analysis of institutional development plans in Brazilian public universities Diego Marques Cavalcante (University of Santa Maria)
			11:20 – 11:40	Practical experiences on education for sustainable development in Antonio Meneghetti College, a higher education institution in the rural area of Brazil Clarissa Mazon Miranda
			11:40 – 12:00	(Antônio Meneghetti Faculdade and Fundação Antônio Meneghetti) Smart Campus for Environmental Sustainability: A Case Study of ICTS-Unesp Focused on Photovoltaic Generation and Energy Consumption Forecasting Bruno Oliveira Zarpellon (São Paulo State University, Bauru campus)
Parallel Sessions A			12:00 – 12:20	IFSP SUSTENTARE: Promoting Urban Agriculture and Sustainable Gastronomy for Food Education and Conscious Citizenship Marcelo Bernardino Araújo (Osasco Technological Institute Foundation and Federal Institute of Education, Science and Technology of São Paulo)
	5R – B Auditorium	Gabriele Lopes	11:00 – 11:20	Mandatory SDG Classes as a Solution to Accelerate Sustainability Teaching at Higher Education Institutions? – A Case Study from Japan Jana Walbaum (Technical University of Munich, School of Social Science and Technology)
			11:20 – 11:40	The Role of Student Leadership in the Adoption of Circular Economy Practices in Universities Júlia Santos Humberto (University of São Paulo, São Carlos campus)
			11:40 – 12:00	Building Climate-Ready Curricula: Unicamp's Pilot Course on Climate Emergency in Engineering Education Josue Labaki (State University of Campinas)
			12:00 – 12:20	Dropwise: a game to integrate mathematics and water conservation Isabela das Chagas Luiz (State University of Santa Catarina)
12:30 – 1	12:30 – 14:00		all	Lunch
14:00 – 1	14:00 – 15:30		oriums	Parallel Sessions B
Activity	Room	Moderator	Time	Presentation
Parallal	5R – A Auditorium	Jaluza Borsatto	14:00 – 14:20	Reporting progress towards sustainability goals: contributions of an interdisciplinary graduate program to agribusiness Fábio Mosso Moreira (São Paulo State University, Faculty of Science and Engineering, Tupã campus)
Parallel Sessions B			14:20 – 14:40	Best Practices of Higher Education Institutions in Promoting Gender Equality: A Study on SDG 5 in the Brazilian Context Renata Benedetti Mello Nagy Ramos (UNIGRAN Capital University Center)
			14:40 –15:00	The Creation of an Extension and Applicability Center for SDGs-4 and 8 in a Private Higher Education Institution in Campo Grande – MS

15:30 – 16:00	5S Hall		Break
	Carla Marcolin	15:00 – 15:20	German-Brazilian Science and Technology Network (GERBRAS- SCIENCENET): Opportunities for collaboration João Eustachio (Hamburg University of Applied Sciences)
Auditorium		14:40 -15:00	UFV+Sustentável: The Communication, Mobilization, and Engagement Program for Sustainability at UFV Patrícia das Graças Luís de Queiroz (Federal University of Viçosa)
5R – B		14:20 – 14:40	Incorporating the Sustainable Development Goals into the Accounting Curriculum Deivson Vinicius Barroso (Federal University of Uberlândia)
		14:00 – 14:20	A Framework for Participatory Research to Foster Sustainability: Insights from a Case Study in São Paulo's Public Universities João Paulo Ferreira Bertacchi (State University of Campinas, Institute of Chemistry)
		15:00 – 15:20	German-Brazilian Science and Technology Network (GERBRAS- SCIENCENET): Offices and Members across Brazil Amanda Lange Salvia (Hamburg University of Applied Sciences)
			Matheus Pinheiro Delgado, Débora Teixeira da Cruz and Leonardo Ferreira dos Santos (UNIGRAN Capital University Center)

Poster

Sustentabilidade nos cursos de ciências contábeis: um estudo a partir dos currículos da universidade do estado de Mato Grosso
Janaina da Silva Ramos

(Federal University of Uberlândia)

Teaching Sustainability in Postgraduate Studies in Accounting Sciences: an analysis of subjects and syllabi

Viviana dos Reis Nunes and Edvalda Araújo Leal

(Federal University of Uberlândia)

 ${\bf Sustainable\ actions\ at\ the\ Federal\ University\ of\ Alfenas\ -\ developments\ in\ teaching,\ research\ and\ extension}$

Julieta Aparecida Moreira and Elaine Angelina Colagrande

(Federal University of Alfenas)

ODS 12 em foco: Abordagens Geográficas para o Consumo e Produção Sustentáveis no Colégio de Aplicação da Universidade Federal de Uberlândia

Elisângela de Azevedo Silva Rodrigues (Federal University of Uberlândia)

Federal Institutes and Regional Sustainable Development: Perspectives on Local Productive Arrangements in Minas Gerais

Luzélia Calegari Santos Moizinho and Marco Antonio Ferreira Inácio

(Federal Institute of Education, Science and Technology of Triângulo Mineiro and Federal University of Uberlândia)

Sustainability In Public Procurement: A Look At The New Procurement And Contracts Law/2021: Integrative Review Of Scientific

Discussions

Ítalo Menezes Martins and Luciana Mendonça da Cunha (Montes Claros State University)

Integrating SDGs and LCSA: Enhancing Sustainability in a University Research Laboratory

Diogo. A Lopes Silva, João Victor Encide Salla and Abner Fernandes Souza da Silva

(Federal University of São Carlos, Sorocaba campus)

Tecnologia e consciência ambiental: Como o Projeto "Recuperação de Microcomputadores da UFV" transforma descarte em sustentabilidade

Ulisses Bifano Comini

(Federal University of Viçosa)

Contribuição das ações sustentáveis promovidas pela FHO no Índice de Desenvolvimento Sustentável de Araras-SP

Raíssa Silveira de Farias and Rafaela Manchin Bertolini

(Hermínio Ometto Foundation University Center)

Inserção de Disciplina Voltada ao Ensino da Sustentabilidade, Integrada a Projeto de Extensão, aos currículos dos cursos de graduação de uma IES brasileira

Francisco Elíseo Fernandes Sanches, Raíssa Silveira de Farias, Marco Antônio Alves de Souza Junior and Rafaela Manchin Bertolini (Hermínio Ometto Foundation University Center)

Estamos formando nutricionistas em prol da Sustentabilidade Alimentar? Análise dos Projetos Pedagógicos das Universidades Federais

Lidiane Lieseski

(Federal University of the Southern Border)

Curricularization of Extension Activities as a Contributory Measure for the Achievement of Certain SDGs at IFPR/Paranavaí

Alexandre Silva Avíncola

(Federal Institute of Paraná, Paranavaí campus)

Frugal Innovation and Sustainability: An Analysis of the Federal University of Uberlândia's Patents for Sustainable Solutions

Marco Antônio Ferreira Inácio

(Federal University of Uberlândia)

The perception of Federal University of Itajubá staff regarding sustainability

Maria Rita Raimundo e Almeida

(Federal University of Itajubá)

The correlation between operational activities and the curricular sustainability of the Better Food Program

Paulo Fortes Neto

(University of Taubaté)

Sustainable Projects in Higher Education Institutions

Milton Augusto Barbosa

(Federal University of São Carlos and Federal Institute of São Paulo)

Sustainability in Focus: Analysis of the Institutional Development Plans of Public Higher Education Institutions in Minas Gerais, Brazil

Helena Farias Ribeiro and Carolina Coelho da Silveira

(Federal University of Uberlândia)

Health, Green Innovation, and Artificial Intelligence: A Systematic Literature Review

Helena Farias Ribeiro

(Federal University of Uberlândia)

Education for Sustainability: Bibliometric Review

Mayara Abadia Delfino dos Anjos

(Federal University of Uberlândia)

A Educação Aberta como Base para a Promoção do ODS 4 em Instituições de Ensino Superior

Francini Rensi Schmitz

(Federal University of Santa Catarina)

Strategic analysis of sustainability at a university in the Brazilian Amazon region

Thiago Almeida Vieira and Jacqueline Bailão da Silva Lopes

(Federal University of Western Pará)

Waste Treatment Center: a case study in a public hospital

Débora Cristina Soares and Ana Elisa de Souza Falleiros

(Federal University of Uberlândia)

SDG CHALLENGE IN FOCUS: Business modeling based on the 2030 Agenda

Raissa Gaia Barroso Nascimento and Willian da Silva Barros

(Federal University of Amapá)

Potential for University-Government Collaboration: A Case of the Environmental Engineering Undergraduate Program and Brazil's First
Smart Sustainable City

Adriano Bressane

(São Paulo State University, Institute of Science and Technology)

Sustainability throughout the curriculum of Chemistry and Chemical Engineering undergrad courses at the Institute of Chemistry - UNESP

Lorena Oliveira Pires

(São Paulo State University, Institute of Chemistry)

Sustainability in Higher Education in the face of climate change: the case of Leuphana University and possible dialogues with Brazilian

reality

Daniela Cassia Sudan

(University of São Paulo)

Avaliação Pós-Ocupação como instrumento de promoção da sustentabilidade na operação e manutenção das edificações

universitárias

Gláucia Trindade Pereira

(Federal University of Uberlândia)

Management Councils in the Microregion of Uberaba/MG: A Space for the Participation of Higher Education Institutions in the Implementation of the Sustainable Development Goals

Aracy Alves de Araújo and Catarine Palmieri Pitangui Tizziotti

(Federal University of Uberlândia)

The role of sustainable procurement in the Brazilian public administration: a study on continuous contracts at the Federal University of

Uberlândia

Aracy Alves de Araújo

(Federal University of Uberlândia)

The implementation of the Green Office UPF: increased student engagement and sustainability learning opportunities

Luciana Londero Brandli

(University of Passo Fundo)

Um Panorama dos Resíduos de Equipamentos Eletroeletrônicos: Lixo Eletrônico (E-Waste) no Município de Ituiutaba/MG

Jussara Goulart da Silva and Alessandra Alvares da Costa

(Federal University of Uberlândia)

Mapping of Patents Aligned with the SDGs: A Study at the Federal University of Uberlândia					
Andreza Sil	va Borsatto				
(Federal University of Uberlândia)					
Avaliação dos Planos Diretores dos Campi da UFU com Foco em Sustentabilidade Urbana					
Elaine Saraiva Calderari					
(Federal University of Uberlândia)					
Evening	Free				

DETAILED PRESENTATIONS PROGRAMME Day 2

MAY 6, 2025 (Tuesday)					
09:00 – 09:10		5S Auditorium		Opening Session	
09:10 - 09:40		5S Auditorium		Plenary Session 3	
09:40 -	10:40	5R Auditoriums		Parallel Sessions C	
Activity	Room	Moderator	Time	Presentation	
	5R – A Auditorium	Aracy Alves	09:40-10:00	Indigenous Innovation and Sustainability Laboratory: Curricular Reforms in Engineering Amasa Ferreira Carvalho, Suzana Regina Moro and Josué Labaki Silva (State University of Campinas)	
			10:00-10:20	Sustainability teaching and online learning in higher education: the experiences of the DITTS Project Amanda Lange Salvia (University of Passo Fundo)	
Parallel			10:20-10:40	Action Research in a Higher Education Institution: Building Partnerships for the Development of a Waste Management Project Graciella Faico and Paulo Márcio da Silva Schiffini (Federal University of Rio de Janeiro and Fluminense Federal University)	
Sessions C	5R – B Auditorium	Gabriele Lopes	09:40-10:00	Sustainable Education: Integrating Walkability and Assistive Technology in University Campuses Paula Lelis Rabelo Albala (University of Brasília)	
			10:00-10:20	Engineering Beyond Numbers: Integrating Social Justice into Sustainable Development Education at Unicamp Daniela Vieira dos Santos, Suzana Regina Moro and Josué Labaki (State University of Campinas)	
			10:20-10:40	Sustainability in a Brazilian Higher Education and Research Institution: improvements to enhance the Solid Waste Management Program Ana Maria Maniero Moreira (University of São Paulo, Faculty of Public Health)	
10:40 -	11:00	5S Hall		Break	
11:00 -	12:00	5R Auditoriums		Parallel Sessions D	
Activity	Room	Moderator	Time	Presentation	
	5R – A Auditorium	Amanda Salvia	11:00 – 11:15	Innovative Outreach Teaching Models: Sustainability and Community Development through the 'Integrated Project Process' at the University of Brasília Paula Lelis Rabelo Albala (University of Brasília)	
Parallel Sessions D			11:15 – 11:30	Outreach Programs as a Bridge to the SDGs: The Case of a Higher Education Institution in Brazil Carline Rakowski Savariz (Positivo University)	
			11:30 – 11:45	Universities and global transformative processes to face climate change Neri de Barros Almeida (State University of Campinas)	
			11:45 – 12:00	Ecocide: A Bibliometric Review and Proposal of a Research Agenda for Sustainable Public Administration Carolina Coelho da Silveira	

				(Federal University of Uberlândia)
	5R – B Auditorium	Jaluza Borsatto	11:00 – 11:20	Sustainability in Higher Education in Brazil: An Overview of Contributors to the Literature Gabriele da Cunha Lopes (Federal University of Paraná)
			11:20 – 11:40	Capabilities needed by "engineers of the future" to develop sustainable business models Suzana Regina Moro (State University of Campinas)
			11:40 – 12:00	Artificial Intelligence and Higher Education: A Bibliometric Study Abner Silveira Facina (Federal University of Uberlândia)
12:00 -	13:30	1S H	all	Lunch
13:30 –	14:00	5S Auditorium		Plenary Session 4
14:00 –	15:00	5R Auditoriums		Parallel Sessions E
Activity	Room	Moderator	Time	Presentation
	5R – A Auditorium	Gabriele Lopes	14:00 – 14:20	Teaching methodologies in developing competencies for sustainability – a study of the HEIs context Adriana Fiorani Pennabel (University of São Paulo, Faculty of Economics, Administration and Accounting, Ribeirão Preto campus)
			14:20 – 14:40	Bioinspiration in Engineering: Opportunities for Sustainability Lohanna Paiva (Federal University of Uberlândia)
Dawa Hal			14:40 –15:00	The Contribution of UERN to Sustainability and the SDGs Jéssica Neiva de Figueiredo Leite Araújo, Cicília Raquel Maia Leite, Hugo Ferreira dos Santos and Francisco Dantas de Medeiros Net (State University of Rio Grande do Norte)
Parallel Sessions E	5R – B Auditorium	Amanda Salvia	14:00 – 14:20	Mapping Sustainable Development Goals in the Undergraduate Geography Programs at UFU Érico Soriano (Federal University of Uberlandia, Institute of Geography, Geosciences and Public Health)
			14:20 – 14:40	Promoting Circular Economy in Undergraduate Laboratories: Biomass- Based Filters for Metal Ion Recovery and Waste Valorization Denise Freitas Siqueira Petri and Matheus Lucas Median Amorim (University of São Paulo)
			14:40 –15:00	Aligning University Operations and Curriculum with the Sustainable Development Goals: A Theoretical Sustainability SWOT Analysis at the University of São Paulo Christian Eric Barrantes Briceño (University of São Paulo)
15:00 – 15:30		5S Auditorium		Hand-over of the best papers awards & closing remarks

CHAIRPERSONS

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Prof. Dr. Carla Bonato Marcolin, Federal University of Uberlândia, Brazil

Prof. Dr. Aracy Alves Araújo, Federal University of Uberlândia, Brazil

Prof. Dr. Miriam Tiemi Takimura Oliveira, Federal University of Uberlândia, Brazil

Prof. Dr. Claudia Regina de Oliveira Loureiro, Federal University of Uberlândia, Brazil

Prof. Dr. Catarine Palmieri Pitangui Tizziotti, Federal University of Uberlândia, Brazil

Prof. Dr. Barbara Galelli, Federal University of Paraná, Brazil

Prof. Dr. Fernando Caixeta Lisboa, Federal Institute of Education, Science and Technology of Triângulo Mineiro, Brazil

Prof. Dr. Sergio Castro Gomes, University of Amazônia, Brazil

Prof. Dr. Simone Vasconcelos Ribeiro Galina, Federal University of São Paulo, Brazil

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Dr. Joao Eustachio, Hamburg University of Applied Sciences, Germany

Ms. Gabriele Lopes, Hamburg University of Applied Sciences, Germany

CONTACT PERSONS

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CITY TIPS

Here you can download the material our team prepared with tips about your stay in Uberlândia, including restaurants and touristic places to visit:

Link:

https://drive.google.com/file/d/1c5dwmt0SXG35-OQIstRrqz6JW jCK4/view?usp=sharing





Should you have any questions, please do not hesitate to contact us.