



THE 7th NATIONAL WORKSHOP UI GREENMETRIC RANKING FOR COLOMBIAN UNIVERSITIES

September 25 to 26, 2023.
Universidad Militar Nueva Granada, Colombia, South America.

September 25, 2023

Note: Keep in mind that the time shown in the following programming grid is associated with the local time of Colombia (UTC - 5).

7:20 a.m. - 7:50 a.m.	Delegates and participants registration Private Meeting Professor Ph.D. Riri Fitri Sari – Ph.D. Junaidi Junaidi
7:50 a.m. - 8:05 a.m.	Welcome to the event by the Moderator <ul style="list-style-type: none"> • Video's Profile of UI Green Metric Ranking • Video's Profile of Universidad Militar Nueva Granada
8:05 a.m. - 8:50 a.m.	Introduction Moderator Welcome Speech <ul style="list-style-type: none"> • Rector UMNG (15 min) • Participation S.E. Dres. Tatang Budie Utama Razak, M.BA., Ambassador of the Republic of Indonesia to the Republic of Colombia (30 min)
8:50 a.m. - 9:35 a.m.	Welcome Speech <ul style="list-style-type: none"> • Ph.D. Riri Fitri Sari (GreenMetric Ranking's President and Indonesian University's Professor) (15 min) • Ph.D. Junaidi Junaidi (GreenMetric Ranking's Vicepresident and Indonesian University's Professor) (15 min) • Dr. María Clara Rangel Galvis, El Bosque University's Principal (5 min). • Dott.Ing. Jaime Alberto Romero. National GreenMetric Ranking's Manager (10 min).
9:35 a.m. - 10:25 a.m.	Moderator's introduction, presentations' introductions with their titles. <i>Presentations.</i> (Category: Infrastructure and environment) <u>Session 1.</u> (National guest) (15 min) Edwin Andrés Mora Aristizábal, Universidad de Antioquia Sustainable Infraestructure, Universidad de Antioquia. <u>Session 2.</u> (National guest) (15 min) Edwin Roberto González, Development of a 3S Campus -Safe, Healthy and Sustainable, Universidad la Sabana. <u>Session 3.</u> (National guest) (15 min) Aníbal Maury Ramírez & Jaime A. Romero Infante, Tools for selecting eco-concretes for infrastructure at the universities' campus, Universidad del Bosque. Questions and Answers (10 min).
10:25 a.m. - 10:40 a.m.	Group photo

10:40 a.m. - 11:00 a.m.	Coffee Break - Cultural Representation
11:00 a.m. - 11:30 a.m.	Research Posters' Session
11:30 a.m. – 12:50 p.m.	<p>Moderator's introduction, presentations' introductions with their titles.</p> <p><i>Presentations</i> (Category: Education & Research)</p> <p><u>Session 1.</u> (National guest) (15 min) Paola Andrea Calderón Cuartas, Building a Vital Campus at the UCM from a commitment to Effective Environmental Education, Universidad Católica de Manizales.</p> <p><u>Session 2.</u> (National guest) (15 min) Mónica Sofía Rico Ramírez, Educate to research, research to create: Culture and Environment. Universidad del Bosque.</p> <p><u>Session 3.</u> (National guest) (15 min) Luz Alejandra Cerón Rincón & TCCIM Helmuth Elias Becerra Díaz, research on environmental crimes and the promotion of an academic culture of security and defense to prevent them in the Escuela Superior de Guerra 2021 - 2023, Escuela Superior de Guerra</p> <p><u>Session 4.</u> (National guest) (15 min) Jaime A. Romero Infante, Adaptation to climate change as a real tool of environmental education instrument that is projected into the future, Universidad del Bosque</p> <p>Questions and Answers (10 min)</p>
12:50 p.m. a 1:50 p.m.	<i>Networking Lunch</i>
1:50 p.m. a 3:05 p.m.	<p>Moderator's introduction, presentations' introductions with their titles.</p> <p><i>Presentations.</i> (Category: Water, Infrastructure and environment)</p> <p><u>Session 1.</u> (15 min) Darwin Ortega Chamorro, Restoration of wetlands for the sustainability of the region, Reserva Natural Ecoparque Sabana, Fundación Parque Jaime Duque.</p> <p><u>Session 2.</u> (15 min) Martha Tovar. Antarctic, Escuela de Altos Estudios Estratégicos Nueva Granada(ESAENG), Universidad Militar Nueva Granada</p> <p><u>Session 3.</u> (15 min) Juan Carlos Vélez, Sustainability of water resources from the perspective of the business and industrial sector, Prodensa Executive Director.</p> <p><u>Session 4.</u> (15 min) María Angélica Suárez Jaraba, Sustainable infrastructure Pontifical Javeriana University Headquarters Bogotá. Pontifical Javeriana University.</p> <p>Questions and Answers (10 min)</p>
3:05 p.m. - 3:15 p.m.	<i>Conclusion and closing of the day one.</i> Dott.Ing. Jaime Alberto Romero
3:15 p.m. – 5:00 p.m.	<i>Tour of Cajicá Campus, Universidad Militar Nueva Granada</i>

September 26, 2023

Note: Keep in mind that the time shown in the following programming grid is associated with the local time of Colombia (UTC - 5).

7:20 a.m. - 8:30 a.m.	<p>Universidad Militar Nueva Granada Visit Bird watching exploration. Innovation Hub</p>
8:30 a.m. - 9:00 a.m.	<p>Registration of Delegates</p>
9:00 a.m. - 10:00 a.m.	<p>Moderator's introduction, presentations' introductions with their titles.</p> <p><i>Presentations.</i> (Category: Energy & Climate Change, and residues)</p> <p><u>Session 1.</u> (National guest) (15 min) Camilo Arturo Peraza González, Comprehensive residues Management on the campus of the University of Applied and Environmental Sciences (Bogotá, Colombia): 30 years of experience, UDCA</p> <p><u>Session 2.</u> (National guest) (15 min) Laura Yineth Cuervo Martínez, Design and installation of the photovoltaic solar system of the University of America Foundation. Universidad de America.</p> <p><u>Session 3.</u> (National guest) (15 min) Clara Inés Vásquez Londoño, Residue Derived Fuel (RDF), Circular Economy, Ecologista SAS-E.S. P</p> <p>Questions and Answers (10 min)</p>
10:00 a.m. - 10:20 a.m.	<p>Coffee Break – Cultural representations</p>
10:20 a.m. – 11:20 a.m.	<p>Moderator's introduction, presentations' introductions with their titles.</p> <p><i>Presentations.</i> (Category: Free topic)</p> <p><u>Session 1.</u> Martha Patricia Plata Delgado, Strategies applied to promote sustainable mobility at the University of Santander UDES as part of its institutional environmental commitment and compliance with the UDES VERDE Environmental Policy, Universidad de Santander UDES.</p> <p><u>Session 2.</u> Juan Camilo Gómez Caipa, Connecting with the Environment: New Educational Opportunities for Students in Understanding Environmental Knowledge, Universidad de America.</p> <p><u>Session 3.</u> Rafael Alexander Córdova Uvidia. Online courses as a tool to promote internationalization and strengthen environmental awareness in students of the Escuela Superior Politécnica del Chimborazo (ESPOCH), (ESPOCH), Ecuador</p> <p>Questions and Answers (10 min)</p>

11:20 a. m. – 12:20 p.m.	<p>Moderator's introduction, presentations' introductions with their titles.</p> <p>Presentations. (Category: <i>Transport, Energy and climate change, Education & Research</i>)</p> <p><u>Session 1.</u> (National guest) (15 min) Mario Andrés Gandini Ayerbe, UAO Campus Lab: Designing the transition to a sustainable Anthropocene, Universidad Autónoma de Occidente</p> <p><u>Session 2.</u> (National guest) (15 min) Karol Lucia Fuentes, Laura Estefanía Vanegas, Alan Josué Álvarez, Tatiana Rodríguez Chaparro. Performance evaluation and optimization of operational parameters in an internal recirculation dark fermentation reactor for hydrogen production, Universidad Militar Nueva Granada</p> <p><u>Session 3.</u> (National guest) (15 min) Andrea Díaz Pulido, Strategic incorporation of experiential learning in Sustainability with the extension project "Sustainable country route", Universidad del Rosario</p> <p>Questions and Answers (10 min)</p>
12:20 p.m. – 12:50 p.m.	Posters' Award time
12:50 p.m. - 1:10 p.m.	<p><i>Conclusion and closing of the day two. (5 min)</i></p> <p>Dott.Ing. Jaime Alberto Romero. National GreenMetric Ranking Manager (15 min). Invitation 10th International Workshop in UI GreenMetric World University Rankings 2024 (Universidad del Rosario, Universidad Autónoma de Occidente, Universidad Nacional de Colombia, Universidad El Bosque, Pontificia Universidad Javeriana) (15 min)</p>
1:10 p.m. - 2:10 p.m.	<i>Networking Lunch</i>
2:10 p.m. - 6:00 p.m.	<i>Sabana Center Region Visit to "Salt Cathedral"</i>

Liderazgo estratégico con visión neogranadina