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# BIOCHAR FOR THE GREEN RECOVERY OF UKRAINE

## An international conference for biochar research and practice

### May 2-3, 2024, Kyiv, Ukraine

National University of Life and Environmental Sciences, Agrobiology Faculty (Building #2),  
[Heroiv Oborony 17 St.](#)

Registration link:

[https://docs.google.com/forms/d/e/1FAIpQLSf8XI87r4TUBIbQ1Y6DYr\\_ajdaziGXA4C1T6OMw-UP\\_D5ybHQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLSf8XI87r4TUBIbQ1Y6DYr_ajdaziGXA4C1T6OMw-UP_D5ybHQ/viewform)

Zoom link to the on-line version of the conference will be e-mailed to registered participants

## Program

Thursday, May 2		
09:00	Registration	
10:00	Opening	<p><b>Johannes Heeb</b>, PhD in Geography, Professor, University of Basel, Co-Founder and Senior Partner of Seecon International, Switzerland</p> <p><b>Stanislav Nikolayenko</b>, Doctor of Pedagogical Sciences, Professor, Rector of National University of Life and Environmental Sciences, Ukraine</p> <p><b>Oksana Tonkha</b>, Doctor of Agricultural Sciences, Professor, Vice-Rector for Scientific and Pedagogical Work of National University of Life and Environmental Sciences, Ukraine</p> <p><b>Bogdan Popov</b>, Ecostations Network of Ukraine (MEU)</p>

<b>10:15</b>	Plenary 1	<p><b>Bhim Bahadur Ghaley</b>, <i>Ph.D., Associate Professor, Department of Plant and Environmental Science, University of Copenhagen, Denmark</i></p> <ul style="list-style-type: none"> <li>• <b>Biochar &amp; Biostimulants:</b> Pioneering the New Frontier in Crop Production Optimization.</li> </ul> <p><b>Vegard Martinsen</b>, <i>Ph.D., Professor, Soil and Water Science Section, Faculty of Environmental Sciences and Natural Resource Management, Norwegian University of Life Sciences (NMBU), Norway</i></p> <ul style="list-style-type: none"> <li>• <b>Conservation farming using biochar:</b> 14 years of experience from field trials in Africa.</li> </ul> <p><b>Valentina Movchan</b>, <i>Hydrobiologist, Ph.D. in Biology, Dean of the Faculty of Biomedical Technologies at the Open International University of Human Development “Ukraine” (Kyiv), Founder of the Permaculture Center “Summer Garden”</i></p> <ul style="list-style-type: none"> <li>• Express method of post-war restoration of soils using biochar.</li> </ul>
<b>11:45</b>	Coffee break	
<b>12:00</b>	Interactive workshops 1	<p>Topic 1: Biochar for agriculture</p> <p>Topic 2: Biochar for wastewater- and water management</p> <p>Topic 3: Biochar for soil remediation</p>
<b>13:15</b>	Lunch	
<b>14:15</b>	Plenary 2	<p><b>Oksana Tonkha</b>, <i>Doctor of Agricultural Sciences, Professor, Vice-Rector for Scientific and Pedagogical Work of National University of Life and Environmental Sciences, Ukraine</i></p> <ul style="list-style-type: none"> <li>• <b>Ecotwins Project:</b> Field trials of Biochar.</li> </ul> <p><b>Ingrid Gauslaa Harstad</b>, <i>Expert in project management in agriculture, Teacher, Head of the farm, Norway</i></p> <ul style="list-style-type: none"> <li>• <b>Practical experience:</b> preliminary trials with charged biochar in agricultural schools in Mid-Norway.</li> </ul> <p><b>Jenna Jadin</b>, <i>Ph.D., Climate Advisor, Science communicator, Program manager</i></p> <ul style="list-style-type: none"> <li>• <b>Biochar and climate:</b> A small but important solution.</li> </ul>
<b>15:45</b>	Break	
<b>16:15</b>	Interactive workshops 2	<p>Topic 4: Biochar Economics and Businesses</p> <p>Topic 5: Biochar Stakeholders</p> <p>Topic 6: Biochar Stakeholder Network</p>
<b>17:15</b>	Outdoor workshop	<b>Demonstration and discussion:</b> Biochar making and inoculation.
<b>19:00 - 21:00</b>	Friendly dinner by the biochar fire.	

### Friday, May 3

<b>09:00</b>	Day 1 summaries	Facilitated by <b>Bastian Etter</b> , <i>MSc Environmental Engineering, Managing Director at VUNA Research Project, Eawag Research Institute, Switzerland</i>
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<b>09:30</b>	Plenary 3	<p><b>Andreas Shoenborn</b>, <i>School of Life Sciences and Facility Management, Institute of Natural Resource Sciences, ZHAW — Zurich University of Applied Sciences, Switzerland</i></p> <ul style="list-style-type: none"> <li>• <b>The Green! Tea project:</b> Biochar in the Vietnamese tea sector and its potential for the mitigation of climate change.</li> </ul> <p><b>Bastian Etter</b>, <i>MSc Environmental Engineering, Managing Director at VUNA Research Project, Eawag Research Institute, Switzerland</i></p> <p><b>Bogdan Popov</b>, <i>Ecostations Network of Ukraine (MEY)</i></p> <ul style="list-style-type: none"> <li>• <b>Practical experience:</b> Biochar to treat and reuse wastewater.</li> </ul> <p><b>Yuliia Dzhiora</b>, <i>Ph.D. in Chemical Engineering, Norway</i></p> <ul style="list-style-type: none"> <li>• <b>Research:</b> Determining the potential of organic waste in the production of biochar. Characterization and application of the obtained product.</li> </ul>
<b>11:00</b>	Coffee break	
<b>11:30</b>	Interactive workshops 3	<p>Topic 7: Areas of Application</p> <p>Topic 8: Capacity Development</p> <p>Topic 9: Technology Development</p>
<b>12:30</b>	Lunch	
<b>14:00</b>	Plenary 4	<p><b>Vira Rodionova</b>, <i>Certified teacher of the Permaculture Design Course, business trainer, Eco-activist, Founder of the eco-site "Rodaria", Ukraine</i></p> <ul style="list-style-type: none"> <li>• <b>Practical experience:</b> Using biochar on sandy soils</li> </ul> <p><b>Emir Hasanagic</b>, <i>Research assistant, Institute of Applied Ecology, Hochschule University Heisenheim, Germany</i></p> <ul style="list-style-type: none"> <li>• <b>Black2GoGreen Project:</b> Overview on biochar production &amp; use in European cities.</li> </ul> <p><b>Matt Dunwell</b>, <i>Agricultural expert, Head of Ragmans Lane Farm, UK</i></p> <ul style="list-style-type: none"> <li>• <b>Practical experience:</b> Aspects of biochar inoculations</li> </ul>
<b>15:30</b>	Break	
<b>16:00</b>	Interactive workshops 4	Synthesis workshops on biochar for the green recovery of Ukraine.
<b>17:00</b>	Reflections and summaries	<p><b>Johannes Heeb</b>, <i>PhD in Geography, Professor, University of Basel, Co-Founder and Senior Partner of Seecon International, Switzerland</i></p> <p><b>Oksana Tonkha</b>, <i>Doctor of Agricultural Sciences, Professor, Vice-Rector for Scientific and Pedagogical Work of National University of Life and Environmental Sciences, Ukraine</i></p> <p><b>Bogdan Popov</b>, <i>Ecostations Network of Ukraine (MEY)</i></p>

<b>Saturday, May 4</b>		
<b>09:00 - 12:00</b>	Field trip	<b>Ecological Research Station Hlyboky Balyky</b>

**Artistic activities throughout the conference-making a biochar poster together!**