



Ministry of Agriculture Natural Resource Development Sector
 Soil Resource Development Lead Executive
 Schedule for Soil Symposium 2025, 6th to 7th of March 2025
 Adama, Ethiopia
 Healthy Soils for Our Prosperity

| Date and time | Topic | Speaker/presenter | Organization | Moderator |
|--------------------|---|---|-------------------------------|------------|
| 6/3/2025 | Day one | | | |
| 8:30 am - 8:50 am | Participant registration | Participants | Invited Participants | Organizers |
| 8:50 am - 9:00 am | Welcome address | Mr. Lire Abiyo, SRDLE | Soil Resource Devt LE | |
| 9:00 am - 9:10 am | Opening Speech | H.E Prof Eyasu Elias, state Minister for NRD sector | State Minister for NRD sector | |
| 9:10 am - 9:30 am | The Challenge and Opportunities of Soil Health and Fertility of Ethiopia, | Mr. Lire Abiyo | Soil Resource Devt LE | |
| 9:30 am - 9:50 am | Introduction to ETH-Soil project | Kerstin Wilde (ETH-Soil project Manager, online presentation) | DBFZ | |
| 9:50 am - 10:00 am | Keynote 1 Biochar in sustainable Development | Dr. Getachew Agegnehu (online presentation) | ICRISAT Addis Ababa, Ethiopia | |
| 10:00 am -10:10 am | Keynote 2 | H.E Prof Eyasu Elias | State Minister for NRD sector | |
| 10:10 am -10:30 am | Geo-Information in the Bio-Resource Nexus: Evaluation and Visualization of Regional Biomass Distribution to Support Decision Making | Sebastian Semella (researcher ETH-Soil project) | DBFZ | |
| 10:30 am -10:50 am | Tea/coffee break | Hotel | | |

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| 10:50 am -10:55 am | Poster presentations on Creating an Atlas of Agricultural Residues Potential for Oromia Region | Getachew Haile (researcher), Wubalem Abera (researcher) | ORARI | Organizers |
| 10:55 am -11:00 am | Poster presentations on Spatial Variability of Biomethane Potential from Human Excreta in Oromia Region | Thomas Ayalew | Department of Environmental Health, Jimma University | |
| 11:00 am -11:05 am | Poster presentation on Soil Acidity and Fertility Management in SWE | Konjit Aberham (researcher) | SWERARI | |
| 11:05 am -11:10 am | Poster Presentation on Vermicompost Fertilizer for Better Crop Production and Productivity in Sidama Region, Ethiopia | Genet Getachew (researcher) | Sidama RARI | |
| 11:10 am -11:35 am. | Farmers Participatory Biochar Production, Nutrient Loading, Characterization, and Evaluation | Prof. Fanuel Laekemariam (Professor) | Wolaita Sodo Univeristy | |
| 11:35 am -11:55 am | Effects of Biochar Based Fertilizer Application on Soil Properties, Yield and Yield Components of Wheat Grown on Nitisols in Hula and Teticha Districts | Dr. Ashenafi Nigussie (Senior researcher) | Wondo Genet Agricultural Research Center (EIAR) | |
| 11:55 am -12:15 pm | Participatory Evaluation of Biochar-Based Biofertilizers on Smallholder Farms of Gedeo and Sidama Area, South Ethiopia | Dr. Yackob Alemayehu (Asst. Professor) | Dilla University | |
| 12:15 pm -12:35 pm | Blending Bioslurry with Biochar: Effects on Crop Production, Soil Fertility and Nutrient Loss along Varying Soil Types | Dr. Esubalew Getachew (Asst. Professor) | Jimma University | |
| 12:35 pm - 2:00 pm | Lunch | Hotel | | |
| 2:00 pm - 2:20 pm | Biochar-Based Biofertilizer Formulations for Soil Amelioration and Yield Increase | Dr. Shimelis Gizechew (Asst. Professor) | Hawassa University | |

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| Panel discussion 2:20 pm - 3:40 pm | Panel discussion Development of Formulation for Biochar-based Biofertilizer | | | Dr. Annett Pollex (researcher and working group leader, DBFZ) |
| | Biochar-Based Biofertilizer Formulations for Soil Amelioration and Yield Increase | Dr. Yackob Alemayehu (Asst. Professor) | Dilla University | |
| | | Wondimu Tamrat (Asst. Professor) | Wachemo University | |
| | | Tilahun Abera (Director and researcher) | Batu Soil Research Centre | |
| | | Dr. Milkiyas Ahmed (Asst. Professor) | Jimma University | |
| | | Dr. Shimelis Gizechew (Asst. Professor) | Hawassa University | |
| | | Dr. Abebe Nigussie (Asso. Professor) | Jimma University | |
| 3:40 pm - 4:00 pm | Tea/coffee break | Hotel | | |
| 4:00 pm - 4:25 pm | Biochar-Based Fertilizer Application Experiences in Oromia Region | Elias Kedir (Deputy Bureau Head, Natural Resources) | OBoA | Organizers |
| 4:25 pm - 4:45 pm. | Production of High-Quality Biochar Employing Kon-Tiki Kilns | Dr. Abebe Nigusie, (Asso. Professor) | Jimma University | |
| 4:45 pm - 5:10 pm | Biochar Production Techniques Applicable to Smallholder Farmers Level | Getachew Hailu (researcher) | Asella Agricultural Engineering Research Centre (ORARI) | |
| 5:10 pm - 5:30 pm | General Discussion for the 1 st Day | Participants | Prof. Eyasu | |

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| 7/03/2025 | Day two | | | |
| 8:30 am - 8:35 am | Participant attendance | Participants | Geremu Negera and Mesenbet Tesfaye | Organizers |
| 8:35 am - 8:55 am | Clay-Based Top-Lid-Updraft Pyrolysis Cookstoves for Simultaneous Cooking and Biochar Production | Dr. Clement Owusu-Prempeh (researcher, online presentation) | DBFZ | |
| 8:55 am - 9:15 am | Promotion of Alternative Sources of Phosphors Fertilizer from Bone-char: Evidence from Ethiopia | Dr. Milkiyas Ahmed (Asst. Professor) | Jimma University | |
| 9:15 am - 9:35 am | Biofertilizer Production – Availability and Potentials | GIZ ISFM+ | GIZ ISFM+ | |
| 9:35 am - 9:55 am | Integrated Management of Acid Soils: Enhancing Crop Yields with Organic Amendments | Dr Temesgen Desalegn (senior researcher and Director) | EIAR | |
| 9:55 am - 10:15 am | Vermi-Compost Technology Disseminations and Experience in Ethiopia | Dr. Teferi Tadesse (Asst. Professor) | Haramaya University | |
| 10:15 am - 10:35 am | Tea/coffee break | Hotel | | |
| 10:35 am - 10:55 am | Soil Acidity Reclamation Road Map in Amhara Region | Dr. Tesfaye Feyisa (senior researcher and Director) Online Presentation | ARARI | Organizers |
| 10:55 am - 11:20 am | Integrated Use of Compost, FYM and Lime for Acid Soil Amelioration and Barley Yield Improvement in Semen Ari District, South Ethiopia | Genenaw Tesema (researcher) | (Jinka Agricultural Research centre) | |
| 11:20 am - 12:30 pm | Farmers Witness on BBF and Organic Fertilizer Application | Selected Farmers from Oromia Region | OBoA/ Eth-Soil | |
| 12:30 pm - 2:00 pm | Lunch | Hotel | | |
| 2:00 pm - 2:20 pm | Review on Causes and Management Strategies of Salt Affected Soils in Lowlands of Ethiopia | Dr. Fantaw Abegaz (researcher) | EIAR | Organizers |

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| 2:20 pm - 2:40 pm | From Data to Action: Integrated Organic Amendments in Soil Health Decision Support Tool (DST) for Ethiopia | Dr. Degefie Tibebe (senior researcher) | CIAT | |
| 2:40 pm - 3:10 pm | Introduction of NSIS Portal Execution | Kiflu Gudeta | SRD, MOA | |
| 3:10 pm - 4:10 pm | General Discussion and Closing Remark | Participants | H.E. Prof Eyasu Elias | |
| 4:10 pm | Health break and end of the session | | | |