

# Agenda

**19 November:** meeting with the organizers and the technical moderators

Monday, 20 November 2017	
8:30 – 9:00	<b>Registration</b>
9:00 – 9:40	<b>Item 1. Opening</b>  Dr. Husnain, Director of ISRI on behalf of the organizing committee  Ms. Lucrezia Caon, FAO, on behalf of Mr. Mark Smulders, FAO Representative for Indonesia and Timor Leste Mr. Smith Thummachua, Minister Counsellor (Agriculture), Office of Agricultural Affairs, Jakarta Dr. Edmond Dounias, Representative of IRD for Indonesia and Timor Leste, and IRD focal point for ASEAN  Prof. Dr. Dedi Nursyamsi, Director of ICALRD, Ministry of Agriculture as on behalf of the Minister of Agriculture
9:40 - 9:45	<b>Item 2. Endorsement of the agenda.</b> Ms. Lucrezia Caon, FAO
9:45 - 10:00	<b>Group picture</b>

Session 1: National profiles	
Moderator : Ms. Lucrezia Caon, FAO	
10:00 – 10:30	<b>Item 3. Introduction to GLOSOLAN and SEALNET, the REgional SOil Laboratory Network (RESOLAN) for Asia.</b> Ms. Nopmanee Suvannang, LDD, and Lucrezia Caon, FAO
10:30 – 11:00	<b>Item 4. Short introduction to the origins of SEALNET.</b> Ms. Nopmanee Suvannang, LDD
11:00 – 11:30	Tea break
11:30 – 12:30	<b>Item 5. National laboratories' presentation (in alphabetic order)</b>

	<p><b>Dr. Md. Moqbul Hossain</b>, Central Laboratory, Soil Resource Development Institute, Bangladesh</p> <p><b>Dr. Jamyang</b>, Soil Plant Analytical Laboratory, Bhutan</p> <p><b>Mr. Sun Sarak</b>, National Agriculture Laboratory, Cambodia</p> <p><b>Mr. Ren Yi</b>, Soil and Fertilizer Supervision and Testing Center, China</p> <p><b>Dr. Ashok Kumar Patra</b>, ICAR – Indian Institute of Soil Science, India</p> <p><b>Ms. Lenita Herawaty</b>, Laboratorium Pengujian, Balittanah, Soil Test Laboratory, Indonesian Soil Research Institute, Indonesia</p>
12:30 – 14.00	<b>Lunch</b>
14:00 - 15:00	<p><b>Item 5. Continued</b></p> <p><b>Mr. Kazuyuki Yagi</b>, Institute for Agro-Environmental Sciences, Japan</p> <p><b>Mr. Xaysatith Souliyavongsa</b>, Soil Analysis Unit, Department of Agricultural Land Management, Lao DPR</p> <p><b>Mr. Abd Razak Bin Abu Samah</b>, Analytical Service Section, Soil Management and Conservation Division, Malaysia</p> <p><b>Ms. Bazarradnaa Enkhtuya</b>, Soil, agro-chemistry laboratory of Institute of Plant and Agricultural Sciences, Mongolia</p> <p><b>Miss Su Su Win</b>, Soil and Plant Analysis Laboratory, Department of Agricultural Research, Myanmar</p> <p><b>Dr. Janardan Khadka</b>, Soil Management Directorate, Nepal</p>
15:00 – 15:30	Tea break

15:30 – 17:30	<p><b>Item 5. Continued</b></p> <p><b>Dr. Gina P. Nilo</b>, Bureau of Soils and Water Management Laboratory Services Division, Philippines</p> <p><b>Mr. Chang Hoon Lee</b>, Soil and Fertilizer Division National Institute of Agricultural Sciences, Rep. of Korea</p>
---------------	--

	<p><b>Dr. Priyantha Weerasinghe</b>, Horticultural Research and Development Centre, Sri Lanka</p> <p><b>Mr. Rattanachart Chuaybudda</b>, Office of Science for Land Development, Land Development Department, Thailand</p> <p><b>Mr. Dr. Phai Đổ Duy</b>, Central Analytical Laboratory - Soils and Fertilizers Research Institute, SFRI, Vietnam</p>
--	---

<b>Tuesday, 21 November 2017</b>	
<p><b>Session 2: Precision &amp; Accuracy in soil analysis</b></p> <p>Moderator: Christian Hartmann, IRD</p>	
8:30 – 10:30	<p><b>Item 6. What is Good Laboratory Practice?</b></p> <ul style="list-style-type: none"> <li>i) the concept of Quality in soil analysis</li> <li>ii) ‘Precision’ of an analysis</li> <li>iii) ‘Accuracy’ of an analysis</li> </ul> <p>Dr. Christian Hartmann, IRD, and Ms. Nopmanee Suvannang, LDD</p>
10:30 - 11:00	Tea break
11:00 – 12:00	<p><b>Item 7. Why are Proficiency Testing Programs useful?</b></p> <p>Dr. Phil Moody, ASPAC</p>
12:00 – 12:30	<p><b>Item 8. Why joining SEALNET? The case of Vietnam</b></p> <p><b>Mr. Dr. Phai Đổ Duy</b>, Central Analytical Laboratory - Soils and Fertilizers Research Institute, SFRI, Vietnam</p>
12:30 – 13:30	<b>Lunch</b>
13:30 – 14:30	<p><b>Item 9. INTERACTIVE DISCUSSION</b></p> <p>Paths and barriers to the implementation of ‘Good Laboratory Practices’ (GLP) and how an Inter-laboratory Proficiency Testing Program can assist in improving GLP.</p>

	Moderator: Christian Hartmann, IRD
14:30 – 15:00	<p><b>Item 10. Key soil fertility analyses</b></p> <p>Why do we do soil analyses? Which analyses are most informative for soil fertility assessment? (i.e. indicate why we are concentrating on soil pH, organic C, available P, available K, soil texture)</p> <p>Dr. Phil Moody, ASPAC, and Ms. Nopmanee Suvannang, LDD</p>
15:00 – 15:30	Tea break
15:30 – 16:30	<p><b>Item 11. General principles of soil test interpretation</b></p> <p>i) Why do different soil test methods for the same soil property give different results?  ii) How can these different results be interpreted?</p> <p><b>INTERACTIVE DISCUSSION</b> on interpretation of the key soil fertility analyses</p> <p>Dr. Phil Moody, ASPAC, and Ms. Nopmanee Suvannang, LDD</p>
<b>Session 3: Standardization and harmonization</b>	
16:30 – 17:30	<p><b>Item 12. Soil pH-</b></p> <p>i) Overview of methods used by SEALNET labs  ii) Are the methods likely to be correlated?  iii) What are the key procedures in the analysis that need to be specified in an SOP</p> <p><b>INTERACTIVE DISCUSSION</b> on SOP for soil pH</p> <p>Dr. Phil Moody, ASPAC, and Ms. Nopmanee Suvannang, LDD</p>
Wednesday, 22 November 2017	
<b>Session 3: Standardization and harmonization (continued)</b>	
8:30 – 9:30	<p><b>Item 13. Available potassium</b></p> <p>i) Overview of methods used by SEALNET labs  ii) Are the methods likely to be correlated?</p>

	<p>iii) <b>What are the key procedures in the analysis that need to be specified in an SOP</b></p> <p><b>INTERACTIVE DISCUSSION on SOP for available potassium</b></p> <p>Dr. Phil Moody, ASPAC, and Ms. Nopmanee Suvannang, LDD</p>
9:30 – 10:30	<p><b>Item 14. Available phosphorus-</b></p> <p>i) <b>Overview of methods used by SEALNET labs</b>  ii) <b>Are the methods likely to be correlated?</b>  iii) <b>What are the key procedures in the analysis that need to be specified in an SOP</b></p> <p><b>INTERACTIVE DISCUSSION on SOP for available phosphorus</b></p> <p>Dr. Phil Moody, ASPAC, and Ms. Nopmanee Suvannang, LDD</p>
10:30 – 11:00	Tea break
11:00 – 12:30	<p><b>Item 15. Organic carbon-</b></p> <p>i) <b>Overview of methods used by SEALNET labs</b>  ii) <b>Are the methods likely to be correlated?</b>  iii) <b>What are the key procedures in the analysis that need to be specified in an SOP</b></p> <p><b>INTERACTIVE DISCUSSION on SOP for organic carbon</b></p> <p>Dr. Phil Moody, ASPAC, and Ms. Nopmanee Suvannang, LDD</p>
12:30 – 13:30	Lunch
13:30 -14:30	<p><b>Item 16. Soil texture-</b></p> <p>i) <b>Overview of methods used by SEALNET labs</b>  ii) <b>Are the methods likely to be correlated?</b>  iii) <b>What are the key procedures in the analysis that need to be specified in an SOP</b></p> <p><b>INTERACTIVE DISCUSSION on SOP for soil texture</b></p> <p>Dr. Christian Hartmann, IRD, and Ms. Nopmanee Suvannang, LDD</p>
<p><b>Session 4: The Way Forward</b></p> <p>Moderator: Lucrezia Caon, FAO</p>	

14:30 – 15:30	<p><b>Item 17. The way forward</b></p> <ul style="list-style-type: none"> <li>- Review of the main conclusions of the interactive discussions in Session 3</li> <li>- Identification of priority activities for laboratories in SEALNET</li> </ul> <p><b>Moderator:</b> Lucrezia Caon, FAO</p>
15:30 – 16:00	Tea break
16:00 – 17:30	<p><b>Item 17: To be continued</b></p> <ul style="list-style-type: none"> <li>- How SEALNET can work under the umbrella of GLOSOLAN</li> <li>- Topics to bring to the attention of GLOSOLAN</li> </ul> <p><b>Moderator:</b> Lucrezia Caon, FAO</p>

<b>Thursday, 23 November 2017</b>	
<b>FIELD TRIP</b>	
8:00 – 8:30	Departure from the hotel
8.30-10.00	Visit to the Indonesian Soil Research Institute (ISRI) ISRI: presentation of facilities and activities
10.00-17.30	Visit to the Taman Mini Indonesia Indah (TMII) or "Beautiful Indonesia Miniature Park" Museums
17.30	Return to the hotel

<b>Friday, 24 November 2017</b>	
<b><i>Session 4 (continued)</i></b>	
Moderator: Lucrezia Caon, FAO	

8:30 – 9:30	<p><b>Item 17. To be continued</b></p> <ul style="list-style-type: none"> <li>- Appointment of the Chair for SEALNET, review of the Terms of Reference for the position and mandate (reference to GLOSOLAN decisions).</li> <li>- Establishment of the working group and endorsement of its Terms of Reference</li> </ul> <p><b>Moderator:</b> Lucrezia Caon, FAO</p>
9:30– 10:30	<p><b>Item 18. Labs’ assesement</b></p> <ul style="list-style-type: none"> <li>- Reference soil samples analysis “at home”: ring test</li> <li>- Data submission: instructions</li> <li>- GSP Soil Data Policy</li> </ul> <p><b>Moderator:</b> Lucrezia Caon, FAO</p>
10:30 – 11:00	Tea break
11:00 – 12:00	<p><b>Item 18. To be continued</b></p> <ul style="list-style-type: none"> <li>- Presentation on “Measuring data quality”</li> </ul> <p><b>Moderator:</b> Lucrezia Caon, FAO</p>
12:00 – 13:30	Lunch
13:30 – 15:00	<p><b>Item 19. Planning and co-funding</b></p> <ul style="list-style-type: none"> <li>- Thanks to IAARD and the Indonesian government for their support: Indonesia gave a substantial financial support to the organization of this meeting!!</li> <li>- Venue and time of the next meeting</li> <li>- Brainstorming around potential sponsors for SEALNET</li> <li>- Review of the activities to be performed before the next meeting (planning, timing and roles)</li> </ul> <p><b>Moderator:</b> Lucrezia Caon, FAO</p>
15:00 – 15:30	Tea break
15:30 – 17:00	<b>Item 19. To be continued</b>
18:00 – 20:00	<p><b>Closure dinner</b></p> <p>Speech by <b>Dr. M. Prama Yufdi</b>, Secretary DG of IAARD</p>

