



# GLOBE PROGRAM EUROPE AND EURASIA 2019 REGIONAL MEETING AND TRAINING

Trieste, Italy, 21 – 25 October 2019

## Part 1: GLOBE Country Coordinators Meeting (October 21-22)

20 <sup>th</sup> October, Sunday, Hotel	
	Arrival of GLOBE Board and Country Coordinators
evening	<b>GLOBE Board Meeting</b>

21 <sup>st</sup> October, Monday, Old Port of Trieste – Hydrodynamic Plant (Idrodinamica) Country Coordinators Meeting	
8:00 – 8:45	<b>Registration</b>
9:00 – 9:45	<b>Opening of Country Coordinators meeting - Welcome to participants by</b> <ul style="list-style-type: none"> <li>- Stefano Fantoni, President of International Foundation for Trieste (FIT) and ESOF</li> <li>- Tony Murphy, GLOBE Program Director, GLOBE Program Implementation Office, USA</li> <li>- Organizers (GLOBE Italy, Europe and Eurasia RCO and Board)</li> </ul> <b>Introduction of participants</b>
9:45-10:15	<b>GLOBE Program update (Tony Murphy) + Europe and Eurasia GLOBE Program update (RCO)</b>
10:15-10:45	Break
10:45-12:00	<b>Strategic Plan workshop</b>
12:00-13:30	Lunch
13:00-13:30	<i>Optional</i> - Excursion around Idrodinamica building (Hydrodynamic Power Plant)
13:30-13:45	<b>Announcements and 25 years of GLOBE Intro</b>
13:45-14:30	<b>Highlights from countries I.</b>
14:30-15:00	Break
15:00-16:00	<b>GLOBE Technology Update</b> (Cornell Lewis, SSAI, USA)
16:00-16:40	<b>Discussion on meeting the Challenges identified in Coordinators Survey</b> (Board - Anthony Purcell, GLOBE Ireland)
16:40–17:00	<b>Board Elections</b> (Board –Laura Altin, GLOBE Estonia)

17:00-17:15	<b>Closing of the day and group picture</b>
	<b>Working Dinner – time to be confirmed</b>

<b>22<sup>nd</sup> October, Tuesday, Old Port of Trieste – Hydrodynamic Plant (Idrodinamica) Country Coordinators Meeting</b>	
9:00 – 10:00	<b>Highlights from countries II.</b>
10:00-12:15 (including 30 min break)	<p><b>Collaborations Workshop</b> (to support school collaboration across countries)</p> <p>Group work:</p> <p>A. Collaboration as a part of GLOBE campaigns (<i>Good practice: Phenology Campaign Collaboration Group by Lenka Kleger, RCO; Water Bodies Collaboration</i>)</p> <p>B. GLOBE event as an opportunity to kick off school collaboration (<i>Good Practice: International aspect of GLOBE Games by Jan Blažek, GLOBE Czech Republic</i>)</p> <p>C. Other types of collaborations we can build on (<i>Good Practice: Teachers workshops with the support from Erasmus + by Krisjanis Liepins, GLOBE Latvia</i>)</p> <p>Report out and Discussion</p>
12:15-13:00	<p><b>GLOBE connects to other projects and initiatives (ongoing and opportunities)</b></p> <ul style="list-style-type: none"> <li>• Irish Air Quality Campaign and EPA (Anthony Purcell, GLOBE Ireland)</li> <li>• PULCHRA (Ela Woloszinska-Wisnievszka, GLOBE Poland)</li> <li>• Young Reporters for Environment – YRE (Bara Semerakova, RCO)</li> </ul> <p>Q&amp;A</p>
13:00-14:30	Lunch
14:30-14:45	<b>GLOBE Alumni in Croatia</b> (Vladimir Ribicic, Zrinko Bahoric, GLOBE Alumni)
14:45-15:15	<b>Trainers and Mentor Trainers Certification Process</b> (Diana Garasic, GLOBE Croatia)– report on current state
15:15-16:15	<b>Break &amp; Unconferencing</b> (opportunities for further discussion on morning sessions)
16:15-17:00	<p><b>25 years of GLOBE</b> - brainstorming &amp; discussion (Laura Altin, GLOBE Estonia, Maaïke Vollebregt, GLOBE Netherlands)</p> <ul style="list-style-type: none"> <li>• What I can organize in my country to celebrate the anniversary?</li> <li>• What support do I need from RCO to make it work?</li> </ul>
17:00-17:30	<b>2020 Regional Meeting</b> presentation and announcement (RCO)
17:30-18:00	<b>Closing of the day and CC Meeting</b>
Free evening	

## Part 2:

# The GLOBE Program, Citizen Science and Climate Change connections Conference & GLOBE Training (October 23-25)

<b>23<sup>rd</sup> October, Wednesday, Old Port of Trieste – Hydrodynamic Plant (Idrodinamica)</b>			
<ul style="list-style-type: none"> <li>• The GLOBE Program, Citizen Science and Climate Change connections Conference</li> <li>• GLOBE Training</li> </ul>			
8:20 – 8:50	<b>Registration for the participants of the training and conference</b>		
9:00 – 10:00	<p><b>Opening of the conference:</b></p> <p><b>A. Welcome to participants by guests and organizers</b>  <i>“ESOF – EuroScience Open Forum”, Paola Rodari, International Foundation For Trieste (FIT)</i></p> <p><b>B. Keynote Presentations</b></p> <p><i>“GLOBE Program and Citizen Science”, Tony Murphy, GLOBE Program Director, GLOBE Program Implementation Office, Boulder, Colorado, USA</i></p> <p><i>„Invasive Alien Species amongst us: science, awareness and citizens' engagement”, Eugenio Gervasini, Joint Research Center, European Commission, ISPRA, Varese, Italy</i></p> <p><i>„Urban Heath Islands: analysis of causes and effects on people and environment”, Beniamino Gioli and Lorenzo Brilli, Institute of BioEconomy (IBE), Consiglio Nazionale delle Ricerche (CNR), Firenze, Italy</i></p>		
10:00	<b>Announcements (instructions for the next sessions)</b>		
10:00 – 10:30	<b>Teachers-Citizens-Students Interactions I.: Presentations and demonstrations of Apps</b>		
10:30 – 11:00	Coffee break		
11:00 – 12:00	<b>Teachers-Citizens-Students Interactions II.: Exhibition Market of projects and activities</b>		
12:00 – 12:30	<b>Reflection by Keynote Speakers</b>		
12:30 – 14:00	Lunch		
	<b>Announcements and GLOBE Training 1 – split into groups</b>		
	<b>Let's Start with Globe</b> (for beginners)	<b>Widen our vision</b> (for GLOBE CCs, trainers and advanced teachers)	
14:00 – 15:00	<p><b>What you can do with GLOBE</b>            Research campaigns, Student Research Projects, Webinars, Apps</p> <p><i>Tony Murphy (GLOBE Program Implementation Office, USA)</i></p> <p><i>Cornell Lewis (SSAI, USA)</i></p>	<p><b>NASA and GLOBE Program connections</b></p> <p><i>Peter Falcon, Kalina Velev, (NASA Jet Propulsion Laboratory, USA)</i></p>	<p><b>Alien Species App</b></p> <p><i>Eugenio Gervasini, Joint Resarch Centre, European Commission (Ispra, Varese, Italy)</i></p>
15:00 – 15:30	Coffee break		

15:30– 17:00 (incl. short break if needed)	<b>GLOBE Atmosphere</b> (for beginners) Field Work, Data Entry, GLOBE Observer App, Classroom practice <i>Vladimir Ribičić, National Weather Service, Croatia</i> <i>Dana Votápková (Europe and Eurasia GLOBE Program RCO, Czech Republic)</i>	<b>GLOBE Hydrology</b> (for beginners) Field Work, Data Entry, Classroom practice, studies on plastic micro-particles in water <i>Ieva Kalka (GLOBE Latvia)</i> <i>Paola Zanon, Graziella Mocellin (GLOBE Italy)</i>	<b>NASA and GLOBE Program connections</b> Satellite Missions, Resources for teachers, Apps, New Soil Moisture Probe  <i>Peter Falcon, Kalina Velev, (NASA Jet Propulsion Laboratory, USA)</i>	<b>Urban Climate</b> (linked to GLOBE Atmosphere and GLOBE Observer Cloud App)  <i>Beniamino Gioli and Lorenzo Brilli, Istitute of BioEcnomy, Consiglio Nazionale delle Ricerche CNR, Firenze</i>  <i>Ela Woloszinska-Wisnievszka (GLOBE Poland, PULCHRA Project)</i>	<b>Forests and Climate</b> (linked to GLOBE Biosphere - Carbon Cycle and GLOBE Observer Tree Height App)  <i>Zuzana Lhotakova, Department of Plant Biology, Charles University in Prague, Czech Republic</i>
17:00 – 18:00	<b>GLOBE website administration for beginners</b> Accounts, School Page, Study Site, Data Entry... <i>Cornell Lewis (GLOBE Technology team, SSAI, USA)</i>				
<b>Working Dinner + Culture Evening – time to be confirmed</b>					

**24<sup>th</sup> October, Thursday, GLOBE schools in Fiumicello and Cervignano del Friuli  
Visit of leading schools in the GLOBE Program and GLOBE Training**

7.45	<b>Departure from Trieste Centrale railway station by bus (7:45).</b> The bus will stop at Hotel Tritone (7:50) and Miramare (8:00) to pick up the participants who stay there.		
8:45– 9.45	<b>Visit of „G.Garibaldi” Primary School in Fiumicello - Villa Vicentina</b>		
9:45-10:00	bus transfer to the next school		
10:00-11:15	<b>Visit of IIS „ Bassa Friulana” Senior High School in Cervignano del Friuli</b> After that participants stay at school for the training sessions.		
11:15	<b>Announcements and GLOBE Training 2 – split into groups</b>		
11.30 –12.30	<b>Forests and Climate</b> (linked to GLOBE Biosphere - Carbon Cycle and GLOBE Observer Tree Height App)  <i>Zuzana Lhotakova (Department of Plant Biology, Charles University in Prague, Czech Republic)</i>	<b>Vegetation in Seasons</b> (linked to GLOBE Phenology and Atmosphere, GrowApp)  <i>Zorana Sedlar (Natural History Museum, Zagreb, Croatia)</i>  <i>Bára Semeráková (Europe and Eurasia GLOBE</i>	<b>Drought</b> (linked to GLOBE Soils and Atmosphere and GLOBE Observer Land Cover App)  <i>Marco Contin (UNIUD –DISA Gilberto Gilberto Bragato CREA Council for Agricultural Research and Economics)</i>  Soil Moisture Probe

		<i>Program RCO, Czech Republic)</i>	<i>Peter Falcon, Kalina Velev, Narendra Das (NASA Jet Propulsion Laboratory, USA)</i>	
12:30 –14:00	Lunch			
14:00 –16:00	<b>Forest and Climate - continues</b>	<b>Vegetation in Seasons - continues</b>	<b>Drought - continues</b>	
16.00 - 16:30	Coffee break			
16.30 –17.30	<b>Collaboration Opportunities</b> <i>free networking</i>	<b>Coffee with scientists</b> <i>Informal talks with the trainers-scientists</i>	<b>Ask the Director</b> <i>Q&amp;A with Tony Murphy, GLOBE Program Director</i>	<b>GLOBE website tools practice</b> <i>Cornell Lewis, SSAI, USA</i>
18.00	Departure from Cervignano to Trieste by bus			
	Free evening			

## 25<sup>th</sup> October, Friday - Old Port of Trieste – Hydrodynamic Plant (Idrodinamica) GLOBE Training and Excursion around Trieste

9:00	<b>Announcements and GLOBE Training 3 – split into groups</b>			
9:00 – 10:00	<b>GLOBE Technology Workshop</b> Visualization, Data Tool, Apps <i>Cornell Lewis, SSAI, USA</i>	<b>Urban Climate</b> (linked to GLOBE Atmosphere and GLOBE Observer Cloud App) <i>Ela Woloszinska-Wisnievszka (GLOBE Poland, PULCHRA Project)</i>	<b>Drought</b> Soil Moisture and the new Soil Moisture Probe <i>Peter Falcon, Kalina Velev, Narendra Das (NASA Jet Propulsion Laboratory, USA)</i>	<b>Vegetation in Seasons</b> (linked to GLOBE Phenology and Atmosphere, GrowApp) <i>Zorana Sedlar (Natural History Museum, Zagreb, Croatia)</i> <i>Bára Semeráková (Europe and Eurasia GLOBE Program RCO, Czech Republic)</i>
10:00 – 10:30	Coffee break			
10:30 - 12:00	<b>GLOBE Technology Workshop – cont.</b>	<b>Urban Climate- continues</b>	<b>Drought- continues</b>	<b>Vegetation in Seasons - continues</b>
12:00 - 13:00	Lunch			
13:00 – 17:00	<b>Excursion to a giant cave <a href="#">“Grotta Gigante”</a></b> - <i>Participants sign up for the excursion at the registration desk upon arrival</i>			