



GLOBE Program Regional Meeting Europe and Eurasia

Trieste, Italy, October 21 - 25, 2019

Reported by Europe and Eurasia RCO

Regional Meeting was hosted in the Old Port of Trieste, Italy. The group consisted of 30 participants including 26 Country Coordinators representing 20 countries. Following the 2 days of CC meeting, organizing team prepared a citizen science conference and market exhibition followed by 2 days of training including a GLOBE school visit. The event was organized by Europe and Eurasia Region Coordination Office in cooperation with GLOBE Italy, GLOBE Europe and Eurasia Board along with the support of ESOE (EuroScience Open Forum).

Guests:

- Prof. Stefano Fantoni, President of International Foundation for Trieste (FIT) and ESOE

Photos: <https://drive.google.com/drive/folders/1MggTipNQ0wI5hveXwMIFcfpcQR7uy3L>

Presentations: All the presentations listed below are available to download at the [Documents section of the Europe and Eurasia Region](#) page at globe.gov.

Link to self-portraits video of participants: https://www.youtube.com/watch?v=T_B0j_Pcyiw

Day 1: 21st October - Monday - Country Coordinators Meeting

Opening

The meeting was opened by the welcome speech of GLOBE Italy, FIT and ESOE president, GLOBE Implementation Office Director and Europe and Eurasia RCO.

Presentation by Tony Murphy, GIO Director

Tony Murphy delivered a presentation on activities undertaken and planned for the next year, such as:

- 25th anniversary of the program
- 2020 Partner Meeting in Washington DC
- [GLOBE International Virtual Science Symposium](#)
- Updated GLOBE Trainer and Master Trainer Training process
- WG nominations

Presentation by Bara Semerakova, RCO representative

Bara Semerakova gave an update on activities of the Europe and Eurasia Region Coordination Office.

- 17 student research reports were submitted for the 2019 [International Virtual Science Symposium](#)
- [Phenology Campaign in Europe](#) – schools participation increased as well as data entry
- New Clouds poster distributed to CCs
- new video was made - a story of GLOBE students preparing a research project:
<https://www.youtube.com/watch?v=Cs5skTv8XZc>

2018-2023 Strategic Plan Workshop

- Tony Murphy presented the SP goals assessment based on the numbers from 2018
- CCs were asked to assign the activities done in their country for last year to specific SP goals
- Discussion on what goals are reflected more frequently and which less frequently in the program implementation in countries
- See the photo documentation of the activities assigned to SP goals: [Strategic Plan Workshop](#)
- Download: [Strategic Plan for 2018-2023](#)

Highlights from countries

CCs presented a specific highlight from their country in a short time (3 min).

The Highlight presentations are available for download [here](#).

Detailed info on GLOBE implementation in countries is summarized in 2019 [Country Reports booklet](#).

GLOBE Website and Technology

Presentation by Cornell Lewis, SSAI

What has been completed:

- Tree Height module integrated to GLOBE Observer App
- Land Cover photos available in Visualization Tool
- GLOBE teams – for larger community around a school or for different teams within school, referral code provided by the teacher to “team” members
- Visualization – new photo layers (Land Cover), tree height, translations can be added
- Visualization – connection to ArcGIS layers possible now
- ADAT system: Added Spanish and Dutch language with Google translate (others can be added), mobile friendly now
- API – out: allows users to pull data from GLOBE (programmatically)

What is coming:

- Clouds Wizard
- Streamlining and Improving Data Entry app (reflects GLOBE Observer app)
- Visualization: enhanced visualization of Green Up and Down data (filtering by leaf)
- Web architecture review: feedback form for CCs: <https://forms.gle/ZtzipVdX7foXPJ3BP6>

Useful info for CCs - tutorials:

All tutorials that CC needs to manage his community are here:

<https://www.globe.gov/group/partners/overview/partner-and-cc-website-tutorials>

If you want to help teachers with specific things, go through the tutorials for Teachers:

<https://www.globe.gov/get-trained/using-the-globe-website>

Workshop on meeting the challenges identified in Coordinators Survey

On behalf of the Board, Anthony Purcell presented the analysis of the survey results. Participants then divided into 6 groups to discuss the recommendations on how to overcome the challenges.

The election of members of the Board of GLOBE Europe and Eurasia

Laura Altin (current member of the Board) facilitated the election.

Pre-Election Status: One member was for election (Farid Hamdan), plus there was one more spot to be filled in. The rest 4 members continue mandate one more year.

There were 2 nominations: Farid Hamdan, Sanja Klubicka.

The election committee announced the elected nominees: Farid Hamdan and Sanja Klubicka. The first Board meeting will be organized in November 2019.

Working Dinner

- Networking time for participants
- Certificates of appreciation for the most active schools in the Region were handed over to CCs

Day 2: 22nd October - Tuesday - Country Coordinators Meeting

School Collaboration Workshop

The aim was to see how we could develop current activities into the opportunities for school collaboration.

Participants worked in 3 groups, in each there was a lead to present an example of good practice:

- A. Collaboration as a part of GLOBE campaigns (Good practice: Phenology Campaign Collaboration Group – Lenka Kleger)
- B. GLOBE event as an opportunity to kick off school collaboration (Good Practice: GLOBE Games in Czech Republic - Jan Blažek)
- C. Other types of collaborations we can build on (Good Practice: Teachers workshops for international audience with support from Erasmus + funding - Krisjanis Liepins)

Report out and discussion

GLOBE connects to other projects and initiatives

- 3 presentations:

Irish Air Quality Campaign – collaboration with EPA – Anthony Purcell, Ireland

PULCHRA Project – Thalia Mavrakou, Greece

Young Reporters for Environment (YRE) – Bara Semerakova, Europe and Eurasia RCO

GLOBE Alumni in Croatia

- Two representatives of larger GLOBE Alumni group in Croatia were invited to the CC meeting to talk about the support they give to GLOBE program and about other citizen science activities they do.

Trainers and Master Trainers certification process

- Diana Garasic presented the result of Education Working Group efforts to reform the process and invited the participants to give feedback in the community feedback period that just started.

25 years of GLOBE

Brainstorming and discussion was initiated around two key questions:

- What I can organize in my country to celebrate the anniversary?

- What support do I need from RCO to make it work?

2020 Regional Meeting – host and dates

One nomination for the next regional meeting was presented: Croatia, the city of Omiš.

There were several nominations announced for the 2021, 2022 and 2023 regional meeting as well.

Day 3: 23rd October – The GLOBE Program, Citizen Science and Climate Change connections Conference

GLOBE Training

Conference

The conference was open to GLOBE community as well as teachers and students from local schools. Altogether more than 130 people participated at the conference and the following market.

Welcome to participants was done by Paola Rodari from International Foundation for Trieste (FIT) who talked about the festival of “ESOF – EuroScience Open Forum” that is being organized in 2020 with large collaboration of scientists and public from many countries

Presentations:

“GLOBE Program and Citizen Science”, Tony Murphy, GLOBE Program Director, GLOBE Program Implementation Office, Boulder, Colorado, USA

„Invasive Alien Species among us: science, awareness and citizens' engagement”, Eugenio Gervasini, Joint Research Center, European Commission, ISPRA, Varese, Italy

„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

“AvvistAPP: a new tool to study marine organisms”, Valentina Tirelli, Istituto Nazionale di Oceanografia e di Geofisica Sperimentale – OGS (Trieste, Italy)

The session was concluded by a short talk by Rosella Speroni from the Joint Research Center of European Commission.

After the conference, participants were invited to join the Exhibition Market where members of GLOBE community presented their activities.

Exhibition Market

The market had 21 contributors (teachers, Country Coordinators and scientists). The participants could learn from diverse experience that was showcased, such as research projects, teaching resources, citizen science apps, hands on experiments and others.

After the market, a reflection on the morning presentation and market experience was done in plenary discussion stressing the need to re-connect with the topics and approaches that are popular among the new generation of students.

Trainings and Workshops

- Several training and workshop sessions were organized in the afternoon. There were 5 concurrent sessions – 2 for GLOBE beginners and 3 for advanced members. For detailed info please see the agenda attached.
- Scientists were invited as co-trainers of the workshops to talk about their work and demonstrate the methods that are currently used in their research field.
- Workshops were focused on the important environmental issues and science topics such as Drought, Urban Heat Islands, Invasive Species, Impact of climate change on vegetation cycles, Importance of healthy forest for the global Carbon Cycle. These were connected to the particular GLOBE investigations or apps that may help to learn or track down the changes.

Day 4: 24th October – School Visit and GLOBE Training

School Visit

Participants visited a primary school in the morning that is a candidate to become a GLOBE school - **„G.Garibaldi” Primary School in Fiumicello - Villa Vicentina** – where they watched the performance on the science environment topics that the students currently learn about.

The second day of training was hosted by a GLOBE school - **IIS „ Bassa Friulana” Senior High School in Cervignano del Friuli**. The students prepared a demonstration of their research and excursion to the school laboratories. After that, participants divided to 3 concurrent sessions of workshops.

Trainings and Workshops

- Several training and workshop sessions were organized at the school premises and in the school garden. For details see the agenda.
- Around 60 participants attended the trainings

The program of the day was concluded by the GLOBE Technology workshop for Country Coordinators and demonstration of the method of harmless tree climbing that is used by scientist to collect seeds and samples.

Day 5: 25th October – GLOBE Training and excursion

Trainings and Workshops

- Several training and workshop sessions were organized in the morning. For details see the agenda.

GLOBE Excursion

- The participants were invited to join guided tour around one of the biggest caves in Europe – Grotta Gigante



GLOBE CC Meeting Group.



Countries represented.



Strategic plan workshop.





Conference



Market



GLOBE School visit



Workshops and Trainings



Workshops and Trainings