Appendix 2. Candidate Trainer Workshop Observation Form

(to be completed by Mentor Trainer)

- **Candidate Trainer:**   **Date:**
- **Mentor Trainer:**
- **Workshop Location:**
- **Method of Observation** (check all that apply):   **in-person   video review   ZOOM/Skype**   other, please describe:
- **List Workshop Sphere being observed** (choose one):
- **List Workshop Protocols being observed:**

This Area to Be Completed by GLOBE Mentor Trainer only:

Special Considerations, if any:

Mentor Trainer Evaluation Summary:

	Candidate is Certified in the Following Protocols:	**Candidate Needs to Improve in the following Protocols before certification:**
Mentor Trainer Recommendation		

This Area to Be Completed by GLOBE Country Coordinator/Regional Coordinating Officer and Education Working Group Reviewer only:

_____is certified as a GLOBE Trainer. _____ _____   _____ _____

Name of Candidate Trainer   EWG Reviewer Signature   Date   CC/RCO Reviewer Signature   Date

When Full Approval is Achieved, this document should be submitted to the Country Coordinator/Regional Coordinating Officer. The CC/RCO will change the candidate's status from Candidate Trainer to Trainer and submit the Trainer's information to the GLOBE office.

Appendix 2. Candidate Trainer Workshop Observation Assessment Form

(to be completed by Mentor Trainer)

Candidate Trainer Demonstrated Ability (Describe Candidate's Performance in detail.)	Proficient	Partially Proficient	Recommendations for Proficiency
Understanding and Correct Performance of Protocols • Knows all site requirements, frequency of measurements, correct fieldwork /sampling/ laboratory techniques, correct use of instruments and instrument specifications in Teacher's Guide, calibration techniques. • Awareness of common sources of error and how to address them. • Implements all safety procedures (gloves, goggles, correct waste disposal).			
Candidate Trainer Demonstrated Ability (Describe Candidate's Performance in detail.)	**Proficient**	**Partially Proficient**	**Recommendations for Proficiency**
Presentation and Delivery • Speaks loudly, clearly and is heard and understood by all participants. • Maintains trainee focus on the on-going activities and discussion. • Listens to participants' answers and shows s/he is listening (patient and waits until participants answer, listens to complete answer, asks follow-up questions). • Creates classroom in which participants talk frequently, are enthusiastic/engaged. • Uses both visual and verbal media in the classroom. • Accommodation of multiple trainee languages and levels of fluency.			
Candidate Trainer Demonstrated Ability (Describe Candidate's Performance in detail.)	**Proficient**	**Partially Proficient**	**Recommendations for Proficiency**
Uses Inquiry in Training • Asks questions that are open-ended and require participants to think. • Places the protocols and their data in the context of an inquiry being conducted by the trainees. • Provides suggestions of possible student individual or group investigations • Uses questioning as a tool to help participants use prior knowledge to reach new understandings. • Sees her/his role during the lesson as a "moderator" or "coach" and not an authority figure. • Guides participants to ask their own questions about the study site/region at which any fieldwork will be done. • Guides participants to make predictions about the study site/region at which any fieldwork will be done, and asks them to explain predictions. (Explanations make the class process- and mechanism-oriented, instead of only information- oriented). • Uses field observations as a tool to answer participant-owned questions.			

Appendix 2. Candidate Trainer Workshop Observation Assessment Form

(to be completed by Mentor Trainer)

Candidate Trainer Demonstrated Ability (Describe Candidate's Performance in detail.)	Proficient	Partially Proficient	Recommendations for Proficiency
Understands and Places Training in Context of the Science Research Process • Engages trainees through their observations of nature. • Discusses questions that may be answered using the protocols and how to turn these into good, testable hypotheses. • Ensures that each trainee does the steps required to take the data. • Understands basic techniques for analyzing protocol data. • Uses the GLOBE website, including visualizations, in data analysis. • Has trainees discuss their results.			
Candidate Trainer Demonstrated Ability (Describe Candidate's Performance in detail.)	**Proficient**	**Partially Proficient**	**Recommendations for Proficiency**
Data Recording, Reporting, Visualizing, and Downloading • Ensures that all participants have copies of all required GLOBE Data Sheets for their investigation. • Ensures participants have viewed and read Data Sheets prior to going outdoors (refers to Data Sheets during each lesson and uses them to help teach protocols) • Makes sure all participants write observations on GLOBE Data Sheets during field/lab work. • Guides participants to submit data by effective methods. • Guides participants through the GLOBE visualization tools. • Is up to date with online applications, mobile apps, and web pages. • Clearly explains legends and axes labels of maps and graphs, data search parameters. • Explains and has trainees explore data tables and download some data. • Demonstrates use of spreadsheets and Google maps to manipulate and analyze data.			