

GLOBE Candidate Trainer Workshop Observation Form (to be completed by current GLOBE Mentor Trainer in English and on this form)

Candidate Trainer: Sameera AlBraiki

Date of Observation: 5/21-24/2023

GLOBE Mentor Trainer: Lynne Hehr

Workshop Location: Sarja, UAE

- **Method of Observation** (check all that apply): ☒ in-person ☐ virtual (ie. ZOOM, etc.) ☐ recorded ☐ other:
- **List Workshop Sphere(s) being observed** (if listing more than one Training sphere, give Trainer evidence *for each sphere* in the boxes below:

Pedosphere

Candidate Trainer Demonstrated Ability (Describe Candidate's Performance using the items listed under each category. If not observed or not applicable, please note this.)	Proficient	Recommendations
Understanding and Correct Performance of Protocols <ul style="list-style-type: none"> • 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). 	used safety procedures and equipment	Be sure to follow GLOBE protocols and not classroom lessons. When performing soil temperature, be sure to go outside to take temperatures, not just demonstrate indoors.
Candidate Trainer Demonstrated Ability (Describe Candidate's Performance using the items listed under each category. If not observed or not applicable, please note this.)	Proficient	Recommendations
Presentation and Delivery <ul style="list-style-type: none"> • 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 a 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. 	Maintained good rapport with teachers. Communicated well. Well prepared for each lesson with both powerpoint use to guide discussions and learning worked as a team with other Candidates	well done
Candidate Trainer Demonstrated Ability (Describe Candidate's Performance using the items listed under each category. If not observed or not applicable, please note this.)	Proficient	Recommendations
Uses Inquiry in Training <ul style="list-style-type: none"> • 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. 	Asked open ended questions Used questions a lot to guide learning.	well done

Candidate Trainer Demonstrated Ability (Describe Candidate's Performance using the items listed under each category. If not observed or not applicable, please note this.)	Proficient	Recommendations
Understands/Places Training in Context of Science Research Process <ul style="list-style-type: none"> 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. 	Each group set up a research question and used the data collected to create a relevant environmental problem that could benefit from the use of protocols and data collected	well done
Candidate Trainer Demonstrated Ability (Describe Candidate's Performance using the items listed under each category. If not observed or not applicable, please note this.)	Proficient	Recommendations
Data Recording, Reporting, Visualizing, and Downloading <ul style="list-style-type: none"> 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. 	Translated all datasheets for participants use Made sure all participants wrote observations on GLOBE Data Sheets during field/lab work.	well done