## Country

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Name: Abdullah Obaidullh Al Thobaity
Function: Country Coordinator (CC)
Organisation: Saudi Arabia
E-mail: a.al.thobati@gmail.com

*Tel:* **+966558241119** *Skype:* **Althobaity** 

Website:

Name: Salha Hommud All Badwi

<u>Function</u>: Assistant CC
<u>Organisation</u>: Saudi Arabia
<u>E-mail:</u> shbadwi@gmail.com

Tel: +966551737475 Skype: Shbadwi

Website:

Organization and Number of Staff: Ministry of Education - 20 Employees

Funding by: Ministry of Education

Cooperating Organizations/Individuals: 47 Educational Departments

GLOBE Schools: 344

GLOBE Protocol Areas: Advanced Atmosphere - Atmosphere - Climate - Clouds
Earth As a System - Hydrology - Land Cover - Pan-GLOBE - Phenology - Soil Characterization
Soil Moisture and Temperature.

Number of Schools Reporting Data over Past Year: 344 schools recorded data of 266,7680.

<u>Program Implementation, International Cooperation in GLOBE Network, and Activities over Past Year (categorized by GLOBE Strategic Plan 2018-2023 Goals):</u>

- <u>Education</u> A training course was held for students and teachers, aimed at learning about
  the applications of Globe protocols, after which several schools were visited for annual
  evaluation of their progress with the program. as well. Some schools were also
  supported with new devices for use in program applications.
- <u>Science</u> There is cooperation and participation with many Saudi universities to support students in their scientific research, as well as learning by scientific laboratories to achieve impressive results in their research. There have also been a number of scientific visits to some monuments and mountainous areas to study soil species
- Community We have undertaken a number of initiatives such as afforestation and cooperation with some companies in waste recycling operations, as well as the use of food residues and agricultural waste as organic fertilizer, as well as cooperation between neighboring schools in exchanging scientific and research experiences among students.
- <u>Technology</u> Two courses aimed at knowing the Website of GLOBE, recording and data entry mechanisms, as well as following up and participating in new events on the site, as well as reviewing some previously reported research and identifying strengths and weaknesses.

## REPORT FOR 2023

• <u>Communications</u> All Globe schools in the Kingdom participate in updating data and recording digital data at Globe, as well as analyzing some data to prepare scientific research to participate in the annual meeting.

## Plans and Ideas for Next Year:

- Activate STEAM methodology and enhance students' field research and develop scientific research skills.
- Update the data of teachers and schools participating in the Globe environmental site.
- Work to monitor lost data from Globe after recent updates.