Here are some of the GLOBE protocols, collaborating satellite missions, and other ways that many of our GLOBE teachers are using to teach their students about water in their environment that were shared during the first webinar. You may note that some of the protocols suggested are not from hydrology- and that is a nice way to have your students appreciate the fact that water moves through all Earth's spheres and impacts them in many ways.

* [Mosquito protocol](https://www.globe.gov/do-globe/globe-teachers-guide/hydrosphere?p_p_id=globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_count=1&_globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His_protocolCat=12677223)
* [Cloud protocol](https://www.globe.gov/do-globe/globe-teachers-guide/atmosphere?p_p_id=globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_2Tcr&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_count=1&_globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_2Tcr_protocolCat=12270)
* [SMAP protocol](https://www.globe.gov/do-globe/globe-teachers-guide/soil-pedosphere?p_p_id=globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_5esR&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_count=1&_globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_5esR_protocolCat=15401816)
* [precipitation protocol](https://www.globe.gov/do-globe/globe-teachers-guide/atmosphere?p_p_id=globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_2Tcr&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_count=1&_globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_2Tcr_protocolCat=358948)
* [pH monitoringprotocol](https://www.globe.gov/do-globe/globe-teachers-guide/hydrosphere?p_p_id=globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_count=1&_globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His_protocolCat=359007)
* [GOES-R collaborating satellite mission](https://www.globe.gov/web/goesr/overview)
* [GPM collaborating satellite mission](https://www.globe.gov/web/gpm)
* [SMAP collaborating satellite mission](https://www.globe.gov/web/smap)
* [CALIPSO collaborating satellite mission](https://www.globe.gov/web/calipso)
* [Vernier probes](https://www.globe.gov/documents/10157/16227289/Vernier%2BProducts%2Bfor%2BGLOBE/b71d4c23-cde0-417c-94bf-268baf993fff)- which have been approved by GLOBE
* [Macroinvertibrates](https://www.globe.gov/do-globe/globe-teachers-guide/hydrosphere?p_p_id=globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_count=1&_globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His_protocolCat=359015) protocol (currently being translated into Spanish)
* [Water temperature protocol](https://www.globe.gov/do-globe/globe-teachers-guide/hydrosphere?p_p_id=globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_count=1&_globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His_protocolCat=359003)
* [Alkalinity protocol](https://www.globe.gov/do-globe/globe-teachers-guide/hydrosphere?p_p_id=globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_count=1&_globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His_protocolCat=359013)
* [Conductivity protocol](https://www.globe.gov/do-globe/globe-teachers-guide/hydrosphere?p_p_id=globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_count=1&_globegovteacherguideportlet_WAR_globegovcmsportlet_INSTANCE_9His_protocolCat=359008)
* Phosphates
* Data Quest 2- with the ARENs Project- all hydrology protocols- retention pond in front of school