**Citizen Science Subcommittee Conference Call**

**March 11, 2019**

**3:30-4:30 PM ET**

**2:30-3:30 PM CT**

**1:30-2:30 PM MT**

**12:30-1:30 PM PT**

**11:30-12:30 PM AT**

Time: Mar 11, 2019 3:30 PM Eastern Time (US and Canada)

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**AGENDA**

1. Attendance: Nick Oehm (CAP); Elena Sparrow (BNZ) Lisa Herrmann (CAP); Amanda Morrisson (ARC); Corinn Rutkoski (KBS); Cora Johnston (VCR); Liz Duff (PIE)
2. Approval of Minutes
3. Updates (10 minutes)
	1. LTeaER
		1. Window screen contains fiberglass (arsenic)—what else can we use? NICK
			1. No updates
		2. Can NCO facilitate bulk purchase directly from Lipton? NICK
			1. Depends on cost and frequency of purchase
				1. Green Tea €3.99 <http://www.dutchsupermarket.com/en/lipton-green-tea-sencha.html>
				2. Rooibos €3.99

<http://www.dutchsupermarket.com/en/lipton-rooibos-tea.html>

* + - 1. Difficult for NCO to accept compensation for tea they purchase on our behalf, but easy for them to pay for justifiable purchases
		1. Can NCO build a website or place for us to share data? NICK
			1. Can setup a webpage to accept our data—how important is this?
			2. Much more difficult if it were to “talk” to Teatime4Science
		2. Check to see if protocol is appropriate—SITES
			1. <http://www.teatime4science.org/wp-content/uploads/scientific.pdf>
			2. Protocol
				1. VCR
				2. CAP—cutting the bags
				3. PIE--
		3. Follow up with Marty regarding ILTER proposal—Nick
			1. NCO submitted an international network of networks (AccelNet) proposal Feb 28th
			2. Focused on distributed experiment—teabags, possibly wood decomposition
			3. Requested
				1. list of interested sites
				2. other scientists conducting tea experiments
				3. link to analysis protocols
				4. <https://docs.google.com/spreadsheets/d/1e90ArAXqZAq0yeKP3vg0ZuIROriVgkZb-NwxdjybppA/edit#gid=0>
		4. Implementation Plans
			1. Target launch dates
				1. FCE—June, 30 day incubation, RET & REU project
				2. Monitor <https://docs.google.com/spreadsheets/d/1e90ArAXqZAq0yeKP3vg0ZuIROriVgkZb-NwxdjybppA/edit#gid=0> for updates on other sites
	1. Other
		1. Updates from Citizen Science Conference—Elena, et al.
			1. Thoughts on “Should we be using Community Science vs. Citizen Science?”
				1. may not be as inclusive as Community Science
				2. NSF Public Participation in Scientific Research
				3. SciStarter prefers Citizen Science
			2. Agenda will be attached with minutes
			3. Elena will report back any news
1. New Business (30 minutes)
	1. Presentation: Microclimates @ CAP LTER, Lisa Herrmann
		1. How do different surfaces radiate heat in the Sonoran Desert
		2. Tabling event visitors can participate in 10 minutes
			1. CAP LTER Lesson Plan “*Is it hotter over there*?”
			2. Uses Weber meat thermometer $10 on Amazon
			3. Need to work out getting reliable GPS coordinates
			4. Submit online data
	2. Decisions
		1. Protocol <http://www.teatime4science.org/wp-content/uploads/scientific.pdf>
			1. Each site will implement with Teatime4Science protocol, but may need to modify for specific site needs.
			2. After collecting some data, we can revisit the discussion to decide how data can be compared across LTER sites. Estuarine/Marine sites may need the same modifications.
		2. Lesson Plans
			1. <http://www.teatime4science.org/publications/#science>
			2. Teatime4GLOBE
			3. Methods paper <http://www.teatime4science.org/wp-content/uploads/2013_keuskamp_dingemans_et_al.pdf>
2. Other Business/Share Out
	1. Elena
		1. [www.globe.gov](http://www.globe.gov)
		2. Microclimates
		3. GLOBE
		4. Shared Links
			1. About, Get Started, Get Trained, Do GLOBE, GLOBE Data, Community, News and Events, Support <https://www.globe.gov/>
			2. Measurement protocols in the different fields of investigation: Atmosphere, Biosphere, Pedosphere, Hydrosphere

<https://www.globe.gov/get-trained/protocol-etraining>

* + - 1. new GLOBE Observer Toolkit for Informal Educators released today ( GLOBE Observer -- citizen/community science is for all- students, community members, general public) <https://observer.globe.gov/toolkit>
1. Action Steps
	1. Short term
		1. Elena report out at next meeting regarding Citizen Science Conference
	2. Intermediate term
		1. Adapt Teatime4Science protocol to address your site needs
		2. Launch teabag projects when appropriate
		3. Report back to group as needed
	3. Long term
		1. Compare teabag data across sites
2. Future Meetings
	1. Potential Speakers
		1. Liz Duff (PIE) erosion rates April?
		2. Amanda Morrison (ARC)--citsci.org is a Citizen Science site where you can set up your own project and do simple data analysis on your data.
		3. Elena Sparrow (BNZ) GLOBE
	2. Next meeting time/topic
		1. Doodle before March 15 to select a time https://doodle.com/poll/pu7kgu4zxc8pkgi3