Citizen Science

Webinar chat

January 30, 2019

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| Timestamp | Commenter |
| 13:47:51 |  From IGES : Welcome! |
| 13:48:04 |  From IGES : Please tell us where you’re from |
| 13:49:01 |  From russanne Low : Hi! during the webinar, either Cassie or Rusty will be monitoring and answering questions - so whenever you have one, please go ahead and post it in this chat! |
| 13:49:24 |  From Jennifer Gruener : Yes |
| 13:49:56 |  From russanne Low : I'm Rusty Low and I am the science lead for NASA GLOBE Observer Mosquito Habitat Mapper. I live in Boulder, Colorado. |
| 13:49:58 |  From Jennifer Gruener : Warren County Mosquito Control Commission in NJ |
| 13:50:09 |  From russanne Low : Hi Jennifer, we value your expertise! |
| 13:50:22 |  From Jennifer Gruener : Yes, our state association is NJMCA, thanks |
| 13:51:29 |  From russanne Low : Jennifer, I would really like to connect with you after the chat. will you send me an email? Rusty\_low@strategies.org :-) |
| 13:51:41 |  From Jennifer Gruener : Thanks so much, the project seems very interesting.  |
| 13:54:02 |  From IGES : Chat chec |
| 13:54:20 |  From cesar : Puerto Rico |
| 13:57:59 |  From IGES : Please let us know where you are Zooming in from |
| 13:58:13 |  From Heather Fischer : Corvallis Oregon! |
| 13:58:23 |  From Michael Jabot : Freezing Fredonia NY |
| 13:58:27 |  From Liz Burck : Kenai, Alaska |
| 13:58:43 |  From Liz Burck : you are correct! |
| 13:59:11 |  From Janet : Muskegon, Michigan - super cold and lots of snow here! |
| 13:59:54 |  From IGES : South Dakota has been pretty cold -24 at 7am this morning |
| 14:00:16 |  From Theresa Schwerin : Greetings from chilly N. Virginia! |
| 14:00:28 |  From Megan Smith : Hi All, I am from Cumberland County Public Library & Information Center in Fayetteville, NC - glad to be here this afternoon! |
| 14:00:29 |  From Theresa Schwerin : Not as cold as SD… |
| 14:00:40 |  From Dorian Janney : It is cold and windy here in Damascus, MD. Lots of snow ! |
| 14:00:50 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : Jennifer Beach, Erlanger KY. Below zero and snowy here too! |
| 14:00:52 |  From Debra Toor : Hi I’m Deb from Ontario Canada |
| 14:01:02 |  From Theresa Schwerin : I’m not getting audio - anyone else with that problem? |
| 14:01:33 |  From Jennifer Gruener : yes |
| 14:01:33 |  From Heather Fischer : Yes |
| 14:01:35 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : i have audio via phone |
| 14:01:38 |  From Liz Burck : yes |
| 14:01:40 |  From Janet : Yes |
| 14:01:43 |  From Michael Jabot : yes |
| 14:02:36 |  From Brian Campbell : Hello from NASA Wallops Flight Facility in Wallops Island, Virginia. It’s 40F with a wind chill of 33F. Nice and sunny though. |
| 14:04:32 |  From Heather Fischer : Usually rainy Oregon is sunny today! |
| 14:11:02 |  From Dorian Janney : Greetings everyone! |
| 14:15:47 |  From Jennifer Gruener : I lost audio |
| 14:15:57 |  From Dodge : We lost your audio |
| 14:15:59 |  From Heather Fischer : Me too |
| 14:16:01 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : here too |
| 14:16:25 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : y |
| 14:16:40 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : yes |
| 14:19:51 |  From Rachel Zimmerman Brachman : Rusty, how do we know that ancient mosquitoes laid their eggs in clay vessels? |
| 14:22:52 |  From Jennifer Gruener : Audio keeps cutting out |
| 14:22:55 |  From Rachel Elmer - UA Museum of the North : Your mic is getting covered again |
| 14:23:02 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : lost adio again |
| 14:23:10 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : \*audio |
| 14:23:12 |  From Inês Mauad : The audio is not good |
| 14:23:25 |  From Rachel Zimmerman Brachman : Do human taste better to mosquitoes than other animals do? If so, do we know why? |
| 14:23:44 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : yes |
| 14:23:45 |  From Jennifer Gruener : yes |
| 14:25:37 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : interesting! |
| 14:26:05 |  From Larisa Schelkin : Are you recording this webinar? Can we possibly watch it at later time? I am running late for my class...thanks! |
| 14:26:21 |  From IGES : Yes we are! |
| 14:26:30 |  From Larisa Schelkin : Thank you very much! |
| 14:31:01 |  From IGES to Theresa Schwerin (Privately) : could you screen shot the participants please |
| 14:31:09 |  From Theresa Schwerin to IGES (Privately) : on it |
| 14:36:25 |  From Rosalyn Kilcollins : for timing of first mosquitos in winter-spring is that for all species or just any of the 3 you are concerned with? |
| 14:41:26 |  From russanne Low : Im happy to answer your questions while Cassie is talking - let me know! |
| 14:41:42 |  From russanne Low : Globe.gov |
| 14:42:20 |  From Dorian Janney : Great hint Cassie! |
| 14:45:28 |  From Amos Kaui : The app doesn't work with earlier versions of Android . |
| 14:46:00 |  From Rachel Zimmerman Brachman : How long is a mosquito’s life cycle? How long do they live? How long does the larval stage last? |
| 14:46:47 |  From russanne Low : Hi Amos, This is right now a problem and the data team is working on a solution for us. We have people in other countries doing observations and many there also have the older phones. I hope we will address this problem soon because we really need the observations |
| 14:47:04 |  From Rachel Zimmerman Brachman : If it’s winter where we live now, do we need to wait until the spring to look for mosquito larvae? |
| 14:47:34 |  From Dorian Janney : Now is a perfect time to get in the habit of taking pictures and emptying potential mosquito breeding habitats! |
| 14:47:53 |  From Debra Toor : Is it easy to see larvae with the naked eye? |
| 14:47:55 |  From Rachel Zimmerman Brachman : Ideally, how often would you like citizen scientists to make observations? |
| 14:48:37 |  From Rachel Zimmerman Brachman : If the body of standing water is large, will any sample have larvae in it, or are specific places within the standing water better places to look for it? |
| 14:48:52 |  From Dorian Janney : You only need to do one step in the app if there aren’t active mosquitoes or if you don’t have time or equipment to do the sampling and identification. The one step is to identify potential mosquito breeding habitats- and that is great to do year round! If you can empty the water source, then you get another step in as well. |
| 14:49:31 |  From russanne Low : Rachel. great questions! the life cycle is dependent on many variables in the environment! they develop faster when they have enough food and and when the temperatures are at the top part of their range! but it takes in general less than 2 weeks for an egg to mature to an adult- so its fast! |
| 14:49:31 |  From Dorian Janney : It is easy to see them with the naked eye. They look like little wiggly worms, and many will hang out at the top of the water- but not always! |
| 14:51:05 |  From russanne Low : Rachel, we would like people to make observations when they want to- in a perfect world, we would love a few citizen scientists to make observations once a week- others might just do it once at a library or a museum event- that is citizen science! |
| 14:51:56 |  From Megan Smith : How young of an audience can record data? |
| 14:54:19 |  From Rachel Zimmerman Brachman : If you’re in a remote place that doesn’t have internet access, is there a way to store the data and upload it later? |
| 14:54:43 |  From Megan Smith : That is great to hear! Our public library have some partnerships with elementary schools and this would be a fantastic project for us! |
| 14:55:08 |  From Dorian Janney : You can wait until you have internet connectivity to send your data! So take it anytime, and it will be saved. |
| 14:55:43 |  From russanne Low : Rachel, the app once installed resides on your phone, it will save your data until you send the data- when you are in range of the internet :-) |
| 14:55:57 |  From Dorian Janney : I have used the app and also the cell phone magnifiers and microscopes to let young children observe and try to identify the larvae- they are always absolutely entranced with the larvae when they are magnified! |
| 14:56:11 |  From russanne Low : Megan, that is fantastic. We also have some elementary lesson resources we can share with you! |
| 14:59:23 |  From Megan Smith : That is great, thank you! We would love to review those and use them. Our students and teachers are so interested in more STEM programming! |
| 14:59:40 |  From Theresa Schwerin : Feb 20 is also for informal science educators (everything in the left column) |
| 14:59:47 |  From russanne Low : send me an email Megan and Ill give you the link! |
| 14:59:55 |  From russanne Low : rusty\_low@strategies.org |
| 14:59:56 |  From Megan Smith : Thanks, I will! |
| 15:00:31 |  From Rosalyn Kilcollins : What are Go Mosquito and Land Cover map |
| 15:00:43 |  From Dorian Janney : • |
|  |  Visit and share our GMM webpage: http://bit.ly/2EVmNe0 |
|  |  Join our Discussion Group: http://bit.ly/2Df7qvm |
|  |  Check out our archived and upcoming webinars: http://bit.ly/2U1NfFo |
|  |  Be sure to try out the app and submit your data: http://bit.ly/2ARURU8 |
|  |  See the Mosquito "bundle": https://www.globe.gov/web/earth-systems  |
|  |  Google form for participation: http://bit.ly/2FMcx7s |
| 15:00:55 |  From Theresa Schwerin : GO = GLOBE Observer |
| 15:01:10 |  From russanne Low : Rosslyn, we will talk about that next time, ok? Mosquito data and Land Cover data are useful together! |
| 15:01:37 |  From Dodge : Can we get an email with all thos links and dates on the last few slides, please? |
| 15:01:54 |  From Jennifer Gruener : Thank you, I plan on sharing this information with our local schools as well at our public education events.  |
| 15:02:04 |  From Theresa Schwerin : Thanks Rusty and Cassie! Great job and recovering from the tech issues. |
| 15:02:57 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : This is awesome. I'm already thinking about places to begin collecting data, and progamming potential! |
| 15:03:08 |  From Dorian Janney : Wonderful webinar- no worries at all with very brief technical snafus- you recovered deftly and it was great! |
| 15:03:09 |  From Amos Kaui : Thanks for the good lesson. That was wonderful.  |
| 15:03:21 |  From Megan Smith : Thanks so much for your time today. We look forward to checking out the next webinar! |
| 15:03:22 |  From Jennifer Beach Kenton County Public Library, Erlanger KY : thanks! |
| 15:03:22 |  From Inês Mauad : Thanks Rusty ! Great job!! Bye!! |
| 15:03:25 |  From Rosalyn Kilcollins : Thanks!! |
| 15:03:37 |  From Dorian Janney : Bye folks! Nice to “see” everyone! |
| 15:03:52 |  From IGES : Thank you! |
| 15:03:55 |  From N : Thank you very much! |