COMMUNICATING CLIMATE CHANGE FOR TRIBES WORKSHOP

WHEN: April 25-26, 2017

WHERE: South Central Climate Science Center
301 David L. Boren Blvd, 4 Partners Place, Suite 3065
Norman, OK 73019

- ***Interactive Activities with Hands-On Demonstrations***
- ***Practicing Outreach Methods***
- ***Presenting Climate Change to Tribal Leaders***
- ***Presentation by Katherine Hayhoe (KatherineHayhoe.com) Nationally Renowned Atmospheric Scientist and Director Climate Science Center Texas Tech University***

Please email or fax registration to:

Karen Dye
Phone: 918-453-5109
Email: Karen-dye@cherokee.org

SOUTH CENTRAL
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ITEC

INTER-TRIBAL ENVIRONMENTAL COUNCIL

Communicating Climate Change Workshop Registration Form
April 25-26, 2017
Presented by the South Central Climate Science Center
301 David L. Boren Blvd, 4 Partners Place, Suite 3065
Norman, OK 73019

Name of Participant: _____ Tribe/Organization: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

Please check which day(s) you plan to attend: Day 1 ____ Day 2 ____

********** There is NO Charge for this training**********

Prerequisites to attend this training:

***Please visit this website prior to the workshop: http://NCA2014.golbalchange.gov/**

Email or Fax registration to:

Karen Dye
Phone: 918-453-5109
Fax: 918-453-2904
Email: karen-dye@cherokee.org

Climate Training Workshop:
Communicating Climate Change For Tribes
April 25-26, 2017
Norman, OK

Tuesday April 25

8:30a – 9:00a	Coffee and check-in
9:00a – 9:15a	Opening Prayer - *Warren Queton (OU Tribal Liaison)*
9:15a – 10:00a	Basics of Climate: global weather patterns, temperature and precipitation measurements of climate, climate normals, and seasonality – *April Taylor (The Chickasaw Nation)*
10:00a – 11:00a	Weather Hazards and Hazard Climatology: extremes in the Southern Great Plains, individual events vs. frequency, climatology of hazards – *Renee McPherson (South Central Climate Science Center)*
11:00a – 11:15a	Break
11:15a – 12:00p	Climate Variability and Change: climate variability versus climate change, the carbon cycle, and observations of change and future projections – *Adrienne Wootten (South Central Climate Science Center)*
12:00p – 1:00p	Lunch (on your own)
1:00p – 1:30p	Climate Vulnerability: building connections between climate and vulnerable areas in the community
1:30p – 1:45p	Break
1:45p – 2:45p	Facilitated Discussion – Climate Change and Vulnerability: identifying areas that are possibly vulnerable to climate change, and what aspects of the climate may have the greatest impact.
3:00p – 5:00p	Climate Outreach Activities: Free flowing round robin of six activities that participants can learn and bring back to their communities.

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Wednesday April 26

8:30a – 9:00a	Coffee and check-in
9:00a – 10:00a	Special Topic: Communicating and Connecting with Audiences on Climate Change. *Guest Speaker: Katharine Hayhoe (Texas Tech University) – via Skype*
10:00a – 10:15a	Break
10:15a – 10:45a	Discussion on the Special Topic (Communicating Climate Change): discussion on the topics introduced by the guest speaker. Introduction to the Mock Council Meeting Activity.
10:45a – 11:30a	Mock Council Meeting (Instructors Demonstration): Instructors will demonstrate the activity and introduce participants to the mock tribal council.
11:30a – 12:30p	Lunch (on your own)
12:30p – 2:30p	Mock Council Meeting (Participants): Participants will practice what they learned in the morning session with a presentation to our mock tribal council.
2:30p – 3:00p	Wrap-Up Discussion: close out the workshop, answer questions, and provide information sources and contacts to go to for guidance.

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Climate Outreach Activities Summary

The final session on April 25, 2017 is a free flowing round robin of six different climate outreach activities which can be used to help communicate climate change to multiple age groups. The six activities are summarized below.

1. *Drought Negotiations / Water Banking:* Under normal conditions having enough water may not issue between cultural resources, urban needs and other areas. When droughts happen, how would you manage the available water?

2. *Ocean Acidification:* Rising sea levels are not the only concern for the ocean and coastal areas under a changing climate. Oceans take carbon dioxide out of the atmosphere, how does that change the acidity of oceans?

3. *Tree Rings:* Measurements from monitoring stations are not the only ways we can learn about historical climate and weather events in a region. This activity explores how tree rings can tell us about historical changes to rainfall and drought in an area.

4. *Soil Infiltration:* The type of soil helps determine how quickly water will filter through the soil to ground water areas. Time the infiltration time for the soil in this activity and learn how that effects drought.

5. *Fire Climatology:* Wildfires could potentially increase in a changing climate with a decrease moisture and increase in dry conditions. Understanding how a fire behaves under different forest and climate conditions is critical to current and future management.

6. *Greenhouse Gas in a Bottle:* Greenhouse gasses are an important part of our atmosphere. This activity demonstrates how carbon dioxide interacts with the solar radiation to warm the atmosphere.

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Acknowledgements

We thank Dr. Katharine Hayhoe for joining us and sharing her knowledge and expertise on communicating climate change. (http://katharinehayhoe.com/wp2016/, photo used here courtesy of Texas Tech University)

We thank the Bureau of Indian Affairs for sponsoring this workshop by providing funds for materials for participants and the climate outreach activities.

We thank Shaun West and the Intertribal Environmental Council for assisting with registration and organization.

The organizers also thank the staff and students of the South Central Climate Science Center and The Chickasaw Nation for assisting with demonstrating the climate outreach activities and organizing the workshop.

Recommended Hotels	Hotel Website	Guest Rating (Google Reviews)	Distance to Meeting	Price/Night
Best Western Plus 3100 Medical Park Place Norman, OK, 73072	Link	**4.8/5**	**8 miles** (15-20 mins)	**$96**
Holiday Inn Express & Suites 2500 Conference Drive Norman, OK, 73069	Link	**4.5/5**	**7 miles** (15-20 mins)	**$106**
Embassy Suites Norman 2501 Conference Center Drive Norman, OK, 73069	Link	**4.4/5**	**7 miles** (15-20 mins)	**$114**
Fairfield Inn & Suites 301 Norman Center Ct Norman, OK 73072	Link	**4.3/5**	**5 miles** (10-15 mins)	**$89**
NCED Conference Center & Hotel 2801 OK-9 Norman, OK 73071	Link	**4.2/5**	**3 miles** (5-10 mins)	**$149**
Days Inn Norman 2543 W Main Street Norman, OK 73069	Link	**3.8/5**	**5 miles** (10-15 mins)	**$39**
Quality Inn & Suites 2841 Classen Blvd Norman, OK 73071	Link	**3.7/5**	**2 miles** (5-10 mins)	**$76**

Locations for Lunch	Local Rating (Google Reviews)	Distance from Meeting
The Pizza Shop 1100 E Constitution St #100 Norman, OK 73072	**4.9/5**	**2 miles** (5 mins)
Gyro Hero 1115 E Constitution St Norman, OK 73072	**4.7/5**	**2 miles** (5 mins)
Rudy's BBQ 3450 Chautauqua Ave Norman, OK 73072	**4.2/5**	**1 miles** (5 mins)
Slim Chickens 2627 Classen Blvd Norman, OK 73071	**4.1/5**	**2 miles** (5 mins)
China Wonder 2627 Classen Blvd #108 Norman, OK 73071	**3.9/5**	**2 miles** (5 mins)
Subway 3040 Classen Blvd Norman, OK 73071	**3.2/5**	**2 miles** (5 mins)
Sonic Drive-In 2850 Chautauqua Ave Norman, OK 73072	**2.7/5**	**1 miles** (5 mins)
McDonald's 1551 Ann Branden Blvd Norman, OK 73071	**2.6/5**	**2 miles** (5 mins)