

ADVANCEMENTS IN CLIMATE CHANGE ATTRIBUTION SCIENCE

TUESDAY JUNE 20, 2023

50th CONFERENCE ON BROADCAST METEOROLOGY

SHORT COURSE ORGANIZERS

Bernadette Woods Placky, Chief Meteorologist and Climate Matters Director, Climate Central
Lauren Casey, Meteorologist, Climate Central

SHORT COURSE PRESENTERS

Deepti Singh, School of the Environment, Washington State University Vancouver
Kristie Ebi, University of Washington Center for Health and the Global Environment
Jenni Vanos, Global Institute of Sustainability and Innovation, Arizona State University
David Benson, NOAA Climate Program Office
Andrew Pershing, Director of Climate Science, Climate Central
Shel Winkley, KBTX Bryan/College Station, TX

12:30 INTRODUCTION AND OVERVIEW – Bernadette Woods Placky

Presenter introductions and a summary of the planned activities for the afternoon.

12:40 CLIMATE CHANGE AND EXTREME EVENT ATTRIBUTION – Deepti Singh

1:15 ATTRIBUTION, EVERYDAY WEATHER, AND THE CLIMATE SHIFT INDEX – Andrew Pershing

1:50 P.M. BREAK

CLIMATE CHANGE IMPACTS ON HEALTH

2:05 PART 1: HOW ATTRIBUTION PLAYS A ROLE IN UNDERSTANDING - Kristie Ebi

2:40 PART 2: PEOPLE, OUTDOOR WORKERS, ATHLETES, AND MORE - Jenni Vanos

3:15 P.M. BREAK

3:30 ATTRIBUTION AT NOAA - David Benson

4:05 CONVERSATION: WHEN AND HOW TO LINK WEATHER EVENTS TO CLIMATE CHANGE – Shel Winkley, Bernadette Woods Placky

4:30 P.M. ADJOURN