



## Intermountain Adaptation Partnership (IAP)

Issue 3 - February 2016

### IAP Climate Projections

Over the next 40 years, annual temperatures in the Intermountain Region are projected to rise 4-5°F depending on atmospheric carbon dioxide emissions. The Climate chapter in the IAP explores regional historical climate and projected climate. We used current climate projections for a mid-range scenario (RCP 4.5) and a high scenario (RCP 8.5), quantifying changes in temperature and precipitation for the 2040 period (average of projections for 2030-2059) and 2080 period (average of projections for 2070-2099). Highlights of these projections include:

- Annual minimum and maximum temperatures will increase by as much as 10°F by the end of the century.
- Projections for annual precipitation are highly variable with no clear trend.
- Historical spring mean minimum temperatures in the Middle Rockies, Plateaus, and Southern Greater Yellowstone subregions have been below freezing. Under the RCP 8.5 scenario, spring minimum temperatures hover around freezing by 2080 for the Middle Rockies and the Southern Greater Yellowstone subregions. For the Plateaus subregion, spring temperatures rise above freezing by the end of the century.
- When projected changes in mean temperature and annual precipitation are compared with projections in the previous IPCC Assessment, we find that changes in temperature are very similar. Recent projections are slightly wetter than previous results.

### IAP Webinars

Webinar Connection Information

Conference Call Number: 888-844-9904, Access Code: 1264527#

Online Adobe Connect: <https://usfs.adobeconnect.com/r4-susops/>

March 3, 9-11 a.m. MT: Chapters 3 & 4, Climate, Hydrology, Soils, & Water Resources

March 10, 9-11 a.m. MT: Chapters 6 & 7, Vegetation & Ecological Disturbance

March 17, 9-11 a.m. MT: Chapters 5 & 8, Fisheries, Aquatics, & Terrestrial Animals

March 24, 9-11 a.m. MT: Chapters 9 & 10, Recreation & Infrastructure

March 31, 9-11 a.m. MT: Chapters 11 & 12, Cultural Heritage & Ecosystem Services

### IAP Workshops

Register for workshops by emailing Gary Eickhorst at [gleickhorst@fs.fed.us](mailto:gleickhorst@fs.fed.us).

Required registration information: name, email, organization/unit, workshop location, and if attending Day 1 and/or Day 2. There is no registration cost.

If attending Day 2, list your 1st and 2nd choice of break-out group that you want to attend. Choices are: Hydrology, Soils, and Water; Fisheries and Aquatics; Vegetation; Ecological Disturbance; Terrestrial Animals; Recreation; Infrastructure; Cultural Heritage; and Ecosystem Services.

May 4-5 in Ogden, Utah (Uinta and Wasatch Front)

May 11-12 in Boise, Idaho (Middle Rockies)

May 18-19 in Salt Lake City, Utah (Plateaus)

May 25-26 in Reno, Nevada (Great Basin)

June 1-2 in Idaho Falls, Idaho (Southern Greater Yellowstone)

\* Geographic Areas are in parentheses

This newsletter is issued periodically as part of the Intermountain Adaptation Partnership (IAP).

For current and past issues visit the "News" tab at the IAP Web site <http://adaptationpartners.org/iap>

Please feel free to forward the newsletter to others and encourage them to sign up for the [listserv](#) to receive monthly updates.

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