ICEIA Web Map Information Document

Below, you will find the name and a short description of each layer for the Idaho Climate-Economy Impacts Assessment (ICEIA) web map tool. For more information on the ICEIA, please see: www.uidaho.edu/iceia.

Idaho Border (2015):
Border of Idaho.

Cities (2010):
Idaho towns and cities with population greater than 1,000.

County Lines (2019):
Boundary of Idaho counties.

Roads (2019):
Primary roads, secondary roads, local roads, 4WD roads, on/off ramps, service roads, private roads, and other types of roads in Idaho.

Forest Damage Points (2019):
Forest insect, disease, and abiotic damage on forested areas in region 1. Damage types include crown discoloration, branch flagging, topkill, and mortality.

Forest Damage Regions (2019):
Damaged regions surveyed across Northern Idaho's forested region 1.

Social Vulnerability Index (SVI) (Disaster Vulnerability 2018):
Identifies communities most likely to need assistance before, during, and after a hazardous event at the county level. This index is managed by the U.S. Centers for Disease Control and Prevention and the Agency for Toxic Substances and Disease Registry.

Wildland-Urban Interface (WUI) (1990-2010):
Area where houses meet or intermingle with undeveloped wildland vegetation at the county level. This layer contains information on the change in percentages of area, housing, and population in the WUI between 1990 and 2010.

Wildland-Urban Interface (WUI) (Population Density 1990-2010):
Area where houses meet or intermingle with undeveloped wildland vegetation. This layer illustrates the population density change between 1990 and 2010, along with its WUI classification.

Wetlands (2019):
Wetlands, riparian, deep water, and related aquatic habitats. For more details, visit
https://www.fws.gov/wetlands/Data/Mapper.html

National Hydrography Dataset (NHD) (2019):
Stream segments (reaches) and their lengths. Connectors, canal ditches, underground conduits, pipelines, streams, rivers, artificial paths, and coastlines are identified. For more details, visit
https://pubs.er.usgs.gov/publication/70046927

Watershed Boundary Dataset (WBD) (2019):
Names and subregional levels of surface waters in Idaho. For more details, visit
https://pubs.er.usgs.gov/publication/tm11A34

State Soil Information—Geographic Survey (STATSGO) (2006):
Broad-based inventory of soil and non-soil areas. Information provided here focuses on soil erodibility.

Burn Probability (BP) (2018):
Annual probability of a wildfire.

Conditional Flame Length (CFL) (2018):
Wildfire intensity estimate, detailing most likely flame length at a given location if a fire occurs.

Conditional Risk to Potential Structures (CRPS) (2018):
CRPS integrates wildfire intensity with generalized consequences to a structure. This model does not account for the probability of fire.

Wildfire Hazard Potential (WHP) (2018):
An index of the relative potential for a wildfire to occur that may be difficult to control and contain. For more details, visit
https://www.firelab.org/sites/default/files/images/downloads/whp2018_cls_metadata.pdf

Forest Group (2019):
Distribution patterns of forest cover using 15 forest type groups in Idaho.

Projected Annual Precipitation through 2100 (1979-2015):
Projected accumulated precipitation (all forms), based on analysis of data from 1979 to 2015.

Projected Annual Mean Temperature through 2100 (RCP 4.5 and 8.5) (1979-2015):
Projected mean annual temperature based on analysis of data from 1979 to 2015.

Annual Herbaceous Plant Cover 2020s (RCP 4.5) (1985-2018):
Modeled using 1985-2018 data, based on RCP 4.5 to evaluate future change in annual herbaceous plant cover. The percent cover value of 255 is unidentifiable land (no data).

Annual Herbaceous Plant Cover 2020s (RCP 8.5) (1985-2018):
Modeled using 1985-2018 data, based on RCP 8.5 to evaluate future change in annual herbaceous plant cover. The percent cover value of 255 is unidentifiable land (no data).

Annual Herbaceous Plant Cover 2050s (RCP 4.5) (1985-2018):
Modeled using 1985-2018 data, based on RCP 4.5 to evaluate future change in annual herbaceous plant cover. The percent cover value of 255 is unidentifiable land (no data).

Annual Herbaceous Plant Cover 2050s (RCP 8.5) (1985-2018):
Modeled using 1985-2018 data, based on RCP 8.5 to evaluate future change in annual herbaceous plant cover. The percent cover value of 255 is unidentifiable land (no data).

Annual Herbaceous Plant Cover 2080s (RCP 4.5) (1985-2018):
Modeled using 1985-2018 data, based on RCP 4.5 to evaluate future change in annual herbaceous plant cover. The percent cover value of 255 is unidentifiable land (no data).

Annual Herbaceous Plant Cover 2080s RCP 8.5 (1985-2018):
Modeled using 1985-2018 data, based on RCP 8.5 to evaluate future change in annual herbaceous plant cover. The percent cover value of 255 is unidentifiable land (no data).

Bare Ground Cover 2020s RCP 4.5 (1985-2018):
Modeled using 1985-2018 data, based on RCP 4.5 to evaluate future change in bare ground cover. The percent cover value of 255 is unidentifiable land (no data).

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Herbaceous (Annual and Perennial) Plant Cover 2020s RCP 4.5 (1985-2018):
Modeled using 1985-2018 data, based on RCP 4.5 to evaluate future change in herbaceous plant cover (annual and perennial). The percent cover value of 255 is unidentifiable land (no data).

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Dead Plant Material (Litter) 2020s RCP 4.5 (1985-2018):
Modeled using 1985-2018 data, based on RCP 4.5 to evaluate future change in dead plant material. The percent cover value of 255 is unidentifiable land (no data).

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Dead Plant Material (Litter) 2080s RCP 8.5 (1985-2018):
Modeled using 1985-2018 data, based on RCP 8.5 to evaluate future change in dead plant material. The percent cover value of 255 is unidentifiable land (no data).

Sagebrush Plant Cover 2020s RCP 4.5 (1985-2018):
Modeled using 1985-2018 data, based on RCP 4.5 to evaluate future change in sagebrush plant cover. The percent cover value of 255 is unidentifiable land (no data).

Sagebrush Plant Cover 2020s RCP 8.5 (1985-2018):
Modeled using 1985-2018 data, based on RCP 8.5 to evaluate future change in sagebrush plant cover. The percent cover value of 255 is unidentifiable land (no data).

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Sagebrush Plant Cover 2080s RCP 8.5 (1985-2018):
Modeled using 1985-2018 data, based on RCP 8.5 to evaluate future change in sagebrush plant cover. The percent cover value of 255 is unidentifiable land (no data).

Shrub Plant Cover 2020s RCP 4.5 (1985-2018):
Modeled using 1985-2018 data, based on RCP 4.5 to evaluate future change in shrub plant cover. The percent cover value of 255 is unidentifiable land (no data).

Shrub Plant Cover 2020s RCP 8.5 (1985-2018):
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National Land Cover Database (2016):
Idaho's land use and land cover.

National Land Cover Database (2006):
Idaho's land use and land cover.