



IN CCIA

Indiana Climate Change Impacts Assessment

Amplifiers' Guide

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www.IndianaClimate.org

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IN CCIA FAST FACTS

What is it?

Led by the *Purdue Climate Change Research Center (PCCRC)*, the Indiana Climate Change Impacts Assessment (IN CCIA) is a statewide effort that brings together the best available climate change research into a series of reports designed to help Hoosiers better understand climate change-related risks so they can prepare for challenges and capitalize on opportunities. This assessment aims to put global change into local perspective.



IN CCIA

What are the goals?

- Develop credible & usable impact information
- Increase dialogue about Indiana's climate
- Build a network of experts & citizens

Who's involved?

This Purdue-led effort includes contributions from about 100 experts across Indiana, including researchers from all of the state's top academic institutions, selected non-profits, and even state/local agencies. Additionally, more than 50 organizations are involved in the assessment in some capacity, including providing stakeholder input, co-authoring reports, and assisting with disseminating key findings.

Who's funding this work?

The IN CCIA receives no external funding and is not a mandated activity. The PCCRC provides staff support for IN CCIA coordination and covers the costs associated with report writing, report dissemination and communications. However, all of the experts and participating organizations are leveraging their own resources to assist in this grassroots effort.

Where do I find the assessment reports?

Reports are individually released, with the first report becoming available in March 2018. As of today, we have eight reports, with two reports and summary planned for release in 2019. The reports are available on our website at www.IndianaClimate.org.

Stay informed by signing up for our monthly newsletter!

<https://ag.purdue.edu/indianaclimate/newsletter/>

Amplifiers' Guide

The Indiana Climate Change Impacts Assessment (IN CCIA) puts global change into local perspective, helping Hoosiers better understand the risks of a changing climate so they can make better decisions for the future. To further these goals, and to support increased dialogue about Indiana's changing climate, we've developed a variety of resources for you.

Report presentations

The PCCRC has developed a general presentation to accompany each IN CCIA report. Each presentation includes the report's key messages, graphics, and team information. These presentations are intended to be a starting point that you can modify to fit your specific needs. Each file is provided in Microsoft Power Point format. Download the presentations at <https://ag.purdue.edu/indianaclimate/presentation-templates/>

County-level climate summaries

The PCCRC has developed two-page climate change summaries for every Indiana county based on the IN CCIA report *Indiana's Past & Future Climate*. The summaries include localized information about temperature extremes and rainfall as well details about the IN CCIA project. Download the factsheets at <https://ag.purdue.edu/indianaclimate/factsheets/>.

Social media

The PCCRC (@PurdueCCRC) uses Facebook, Twitter, and Instagram to share information about the IN CCIA using the hashtags #INCCIA and #ClimateChange. We encourage you to join the conversation. Here are a couple sample posts to help you get started, but please feel welcomed to modify them or create your own.

More rain, more nutrient #runoff & warming waters will lead to more #algalblooms, reduced water clarity & depleted oxygen levels in #Indiana lakes & reservoirs.
www.IndianaClimate.org #INCCIA #climatechange @PurdueCCRC

The latest #INCCIA report looks at how #ClimateChange impacts heating and cooling energy. Learn how the state's energy demands & sources are projected to shift.
@PurdueCCRC IndianaClimate.org

Resources for the media

The IN CCIA website has an entire “Newsroom” page with resources for the media. It includes a general project press release and press releases for each individual IN CCIA report. We also have ready-to-use quotes, photos from our release events, video summaries for each report, downloadable graphics, and links to past media coverage.

Visit the **Newsroom** at <https://ag.purdue.edu/indianaclimate/newsroom/>.

Resources for educators

We are working on curriculum to help k-12 educators bring the IN CCIA into the classroom and developing additional Extension-specific resources. *If you're interested in doing climate change programming, or working climate change into your existing programming, please contact Melissa Widhalm (mwidhalm@purdue.edu; 765-494-8191).*

You might also be interested in the Purdue-developed **Dynamics of Climate Toolkit**

<https://ag.purdue.edu/climate/education/for-k-12-teachers/>

About the toolkit:

The Dynamics of Climate Toolkit was developed to help educators understand both the science of climate and climate change and the pedagogy for effectively teaching it. The toolkit includes curriculum for an 8-hour training workshop, with activities designed to engage participants in analyzing and interpreting climate data sets and visualizations in a collaborative setting. The workshop also addresses major misconceptions students and adults hold about climate, and climate change.

Conversations about Climate Change

Climate change is an urgent, local issue that affects all Hoosiers. The way we engage in conversations with our families, communities and colleagues can help them connect the dots between the science and their daily lives. Keep these tips in mind:

- *Know your audience and what issues matter to them*
- *Find common ground and connect on shared experiences or values*
- *Make it relevant and personal*
- *Use local, credible science*
- *Words and images matter, so choose wisely*
- *Use data and stories*
- *This is NOT a hopeless situation, so avoid language that leads to despair*

**Not sure where
to start?**

Ask what they
feel & think, and
then, just listen.

Useful links and information from Purdue

Purdue Climate Change Research Center

Homepage: www.purdue.edu/climate

Twitter: <https://twitter.com/PurdueCCRC>

Facebook: <https://www.facebook.com/PurdueCCRC>

Instagram: <https://www.instagram.com/PurdueCCRC/>

Indiana State Climate Office

Beth Hall, State Climatologist, hall556@purdue.edu

Website: <https://iclimate.org/>

Purdue Extension

Hans Schmitz, Posey County Extension Director, hschmitz@purdue.edu

Austin Pearson, Tipton County Extension Director, pearsona@purdue.edu

Education Store (<https://www.edustore.purdue.edu/>), *search keyword "climate" to find the latest expert reviewed resources about climate change science.*

National information

Fourth National Climate Assessment (NCA4)

The Global Change Research Act of 1990 mandates that the U.S. Global Change Research Program (USGCRP) deliver a report to Congress and the President no less than every four years that "1) integrates, evaluates, and interprets the findings of the Program...; 2) analyzes the effects of global change on the natural environment, agriculture, energy production and use, land and water resources, transportation, human health and welfare, human social systems, and biological diversity; and 3) analyzes current trends in global change, both human-induced and natural, and projects major trends for the subsequent 25 to 100 years."

- NCA4 Volume 1: Climate Sciences Special Report (2017)
<https://science2017.globalchange.gov/>
- NCA4 Volume 2: Impacts, Risks, and Adaptation in the United States (2018)
<https://nca2018.globalchange.gov/>

NASA Global Climate Change, Vital Signs of the Planet

This site provides the public with accurate and timely news and information about Earth's changing climate, along with current data and visualizations, presented from the unique perspective of NASA, one of the world's leading climate research agencies.

Website: <https://climate.nasa.gov/>

Find all of the Indiana Climate Change
Impacts Assessment reports online at:

www.IndianaClimate.org