

David Bydlowski



On October 21, 2011, David Bydlowski and Andy Henry presented "The iPad and Climate Change" at the iPads in the Classroom Conference, hosted by MACUL. Please feel free to use the following resources that were used at the presentation:

- Please scroll down to the attachments section to download the presentation in **KeyNote** and **PowerPoint** format.
- **Climate Change Minute Podcasts** were produced using GarageBand.
- **List of Climate Change Websites:** [EMU ICCARS Project](#); [RESA Climate Change](#); [ICCARS eCollaboratory](#); [Climate Change Minute Podcasts](#); [Student Guide to Climate Change](#); [Climate Change Training Modules](#); [Songs about Climate Change](#); [RESA iPad Training](#); [GLOBE Student Climate Research Campaign](#)
- **List of Climate Change Apps–Information:** Climate Change News; Negotiator; CliMate; Skeptical Science; Climate A2Z; Early Edition; Earth Observer; NASA Now; Our Choice; Spaced; Nature Conservancy Magazine; NASA Viz; Facts about Global Warming; Planet Earth 3D; iRecycle; Science360; Satellites; NASA; TED; Climate Counts
- **List of Climate Change Apps–Tools:** TiltMeterE; Wind Tunnel; GPS HD; Gaia GPS; IGIS; GISRoam; ICCARS Field Data Collector App; Clinometer; Compass; LeafsnapHD; Protractor; Commander Compass Lite; 360; Inclinometer; Compass Pro; Knots 3D; iNaturalist; TASA Geology
- **List of Social Networking Apps:** Facebook; Twitter; FlipBoard; Blogspot; Picasa; iMessage
- **List of Climate Change Apps–Reading:** iBooks; PDF Reader Pro; Kindle Reader

It is a pleasure to participate in the Lifelines Project. I am a science consultant for the Wayne County Mathematics and Science Center at Wayne RESA and we serve the 34 public school districts in Wayne County, MI, as well as all of the charter schools and private schools in Wayne County. Wayne RESA is located about 4 miles north of the Detroit Metropolitan Airport. The teachers that participate in this project, are also part of our ICCARS project (Investigating Climate Change and Remote Sensing) which is sponsored through a NASA grant. You can learn more about this project at:

<http://resa.net/climatechange>

(The photo that I am using was taken at the Joe Louis Arena, which is home of the Detroit Red Wings. I am sitting on the Wings bench.)

We have a list of resources dealing with Climate Change and Remote Sensing. The downloadable resources can be found at:

<https://sites.google.com/site/iccarsproject/resources/climate-resources>
and
<https://sites.google.com/site/iccarsproject/resources/remote-sensing-resources>

The websites can be found at:

<http://www.resa.net/curriculum/curriculum/science/professionaldevelopment/climatechange/downloadableresources/>

Our first ICCARS PLC Meeting took place on December 13, 2010. We continued to have meetings in January, February, March, April and May of 2011. The meeting schedule for 2011 – 2012 is:

September 12; October 10; November 14; December 12; January 9; February 13; March 12; April 16 (one week later due to spring break in Wayne County); and May 14.

Recruitment

Participants in the ICCARS (Investigating Climate Change and Remote Sensing) Project -- Lifelines PLC in Wayne, MI

Academy of the Sacred Heart, Bloomfield Hills, MI -- Joyce Lee and Debby Peters

Anderson High School, Southgate, MI -- Dan Neil, John Rama, and Bruce Szczechowski

Avondale Middle School, Rochester Hills, MI -- Laura Amatulli

Beacon Day Treatment, Southgate, MI -- Deanna Devore, Kate Fanelli, and Caryn Flowers

Belleville High School, Belleville, MI -- Lynn Bradley

Blanchette Middle School, Inkster, MI -- Jermaine Evans and Christina Gaines

Cass Tech High School, Detroit, MI -- Jane Cunningham, Karen Kachadurian, and James O'Leary

Crestwood High School, Dearborn Heights, MI -- Shane Cash and Diana Johns

Dearborn Center for Mathematics, Science, and Technology, Dearborn Heights, MI -- John Bayerl, Jennifer Gorsline, and Deena Parks

Detroit Midtown Academy Middle School, Detroit, MI -- Erica Conley-Shannon and Melanie

Spangler

Divine Child High School, Dearborn, MI -- Serge Danielson-Francois, Steve Dickie, Jennifer Heskett, Matthew Mooney and Darcie Ruby

Frost Middle School, Livonia, MI -- Carim Calkins

Hamtramck High School, Hamtramck, MI -- LeAnn Horne

Henry Ford High School, Detroit, MI -- Wanda Bryant, Jeannine Burke, Shifonne Clark, and Khidhir Naeem

John Glenn High School, Westland, MI -- Amanda Laidlaw

Knabusch Mathematics and Science Center, Monroe, MI -- Russ Columbus and William "Tom" Green

Martin Luther King High School, Detroit, MI -- Cheryl Knowles, Sharon Lewis, and Gretchen O'Neal

Marvin L. Winans Academy of the Performing Arts High School, Detroit, MI-- Tim Harris and Danielle Sciatto

Monroe High School, Monroe, MI -- Marc Drougel

Paul Robeson/Malcolm X Academy, Detroit, MI -- Derek Sale

Southeastern High School, Detroit, MI -- Robert Blakely, Haley Hart, Jennifer Pagel, and Chad Segrist

Stevenson Middle School, Westland, MI -- Diana Markley

Thurston High School, Redford, MI -- John Bingamon, Scott Bridges, Bradley Fritz, and Charlene Jones

Troy High School, Troy, MI -- Rebecca Brewer and Kathryn Robles

University Prep Science and Mathematics Middle School, Detroit, MI -- Caroline Chuby, Greg Dombro, Omari Lewis, Kathleen O'Connor, and Katrina Smith

Resources

Valuable Resources on Climate Change and Remote Sensing

[eCollaboratory](#) (A place where ICCARS participants can share their resources)

[Climate Change Resources](#)

[Climate Change Minute Podcasts](#)

[Remote Sensing Resources](#)

[iPhone/Touch/Pad Apps](#) (Our favorite Apps on Climate Change that work with the iPad)

ICCARS Meetings

Each approximately 1 hour at 4:00pm -- 5:30pm -- 7:00pm

November 12, 2012

October 8, 2012

September 10, 2012

May 14, 2012

April 16, 2012

March 12, 2012

February 13, 2012

January 09, 2012

December 12, 2011

November 14, 2011

October 10, 2011