Climate Change Engineering, Science & Public Policy

AIAA Houston Section Dinner Meeting Tuesday, November 3, 2015, NASA/JSC Gilruth Center Alamo Ballroom Douglas Yazell, Councilor AIAA Houston Section The American Institute of Aeronautics and Astronautics

Dinner Meeting Guests of Honor

- Ian Mills, NASA JSC ISS Robotics Operations
- Bruce McCarl, PhD, Texas A&M University at College Station, 2007 Nobel Peace Prize laureate

Thanks:

- Tesla Motors, the loan of a Tesla Model S for inspection after the meeting, thanks to Jesi Hoolihan
- Norman Chaffee, NASA/JSC retired, Saturn V visit at NASA/JSC Rocket Park
- Steve Bundrick, professional audio and Information Technology (IT) support, thanks to Angela Beck

https://www.eventbrite.com/e/climate-change-engineering-science-public-policy-dinner-meeting-tickets-18919181782

http://www.aiaahouston.org/event/dr-bruce-mccarl-climate-change-science-public-policy/#rsvp

International Space Activities Committee (ISAC)

The current membership list for AIAA Houston Section ISAC (please look us up and join us: <u>www.aiaa-</u> houston.org/tc/isac):

1. Ludmila Dmitriev-Odier, United Space Alliance,

Chair

- 2. George Abbey, Jr., United Space Alliance
- 3. Linda Andruske, NASA/KSC
- Dr. Albert Jackson, Jacobs, FBIS (Fellow, British Interplanetarty Society), Visiting Scientist, Lunar Planetary Institute - http://www.lpi.usra.edu/lpi/ jackson
- David Jib, NASA/JSC
- Michael Kezirian, Engineer The Boeing Company, Adjunct Professor - University of Southern California
- James McLane III
- Padraig Moloney, NASA/JSC
- 9. Dr. Zafar Taqvi, Barrios
- 10. Chris Taylor
- 11. Dr. Gary Turner, Odyssey Space Research
- 12. Douglas Yazell, Honeywell



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Left to right: Retired Colonel Richard (Dick) Cole of the Doolittle Raiders with ISAC and Chinese sister section member James McLane III

AIAA Houston Horizons Winter 2007/2008 Page 19

Horizons, newsletter of AIAA Houston Section

Special reprint issue, 2015

The articles of James C. McLane III (1945 - 2015)

57 pages, slideshow during our dinner meal

The McLane Family www.aiaahouston.org/newsletter



2015 Texas-Oklahoma flood and tornado outbreak (Wikipedia)



These clouds formed quickly over Bull Creek park after the intense wave of Memorial Day storms in Austin. These are usually associated with tornadoes, which had occurred earlier in the day. Matt Roberts. Austin Mammatus Clouds

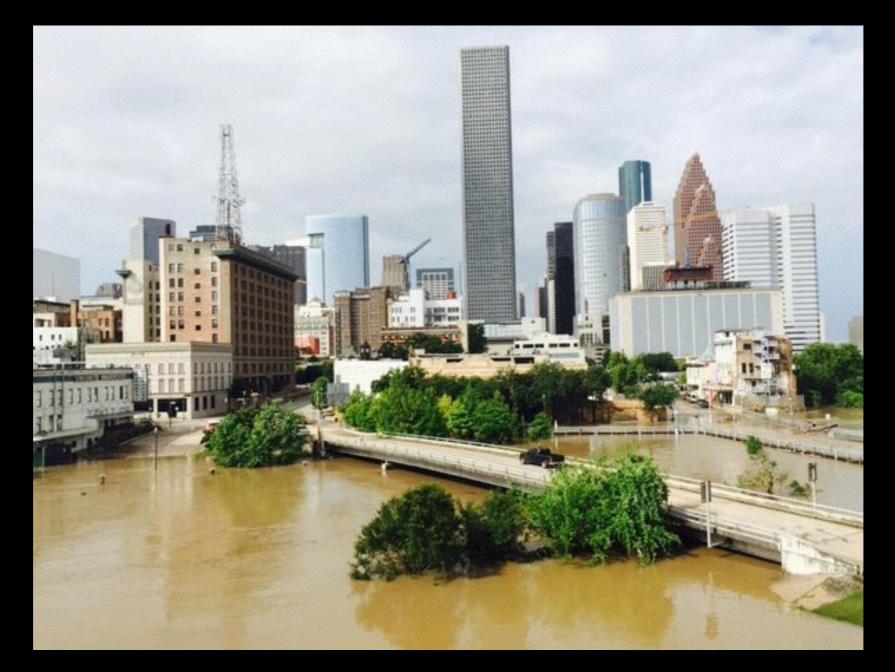
Taken from Climate Reality Project Miami 2015

Cities in the USA Using 100% Renewable Energy

Greensburg, Kansas
Burlington, Vermont
Aspen, Colorado
Georgetown, Texas by 2017





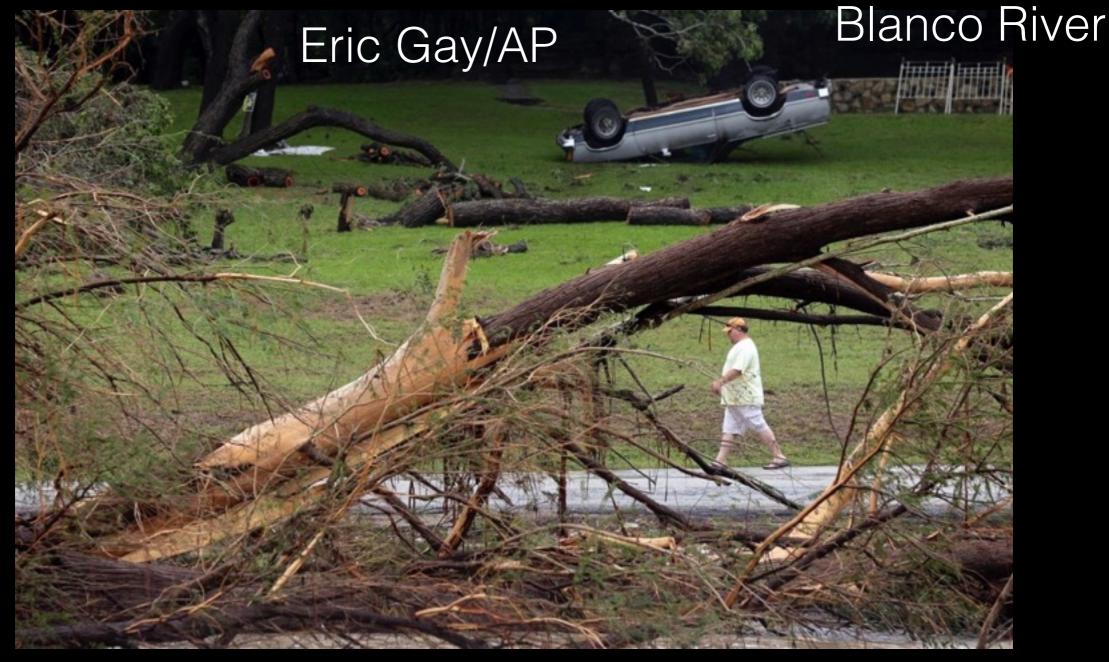






Wimberly, Texas 2015

<u>NPR.org</u> More Severe Storms Possible For Flood-Hit Texas MAY 27, 2015



Norman Chaffee NASA/JSC, retired AIAA Associate Fellow, AIAA Houston Section Chair, 1981-1982

Our host for a Saturn V tour at NASA/JSC Rocket Park for 2007 Nobel laureate Dr. Bruce McCarl & a few invited guests prior to the dinner meeting



NASA's 50th Anniversary

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He continued there a contractor for seven years, and since 2005, he has been an enthus

Above: Norm Chaffee (photo by Sean Keefe)

Tesla Motors

Tesla Model S electric luxury car on display for inspection after the dinner meeting. Given the theme of our dinner meeting, AIAA Houston Section volunteer & Tesla Motors Product Specialist Jesi Hoolihan suggested to Tesla Motors that she bring the automobile to our meeting.

"Tesla's award winning Model S, now with Autopilot features, is an evolution in automobile engineering. Our advanced electric drivetrain will propel you from 0 to 60 mph in as little as 2.8 seconds, without hesitation and without a drop of gasoline. With the highest safety rating in America and up to 270 miles range, Model S redefines performance driving.

"Experience Model S in Houston at the November AIAA Meeting."



Jesi Hoolihan



www.climatecentral.org climate.nasa.org

International Space Station Climate Science Instruments

