

AI committee meeting January 2015

Introductions/Attendance

Scheduling our next conference, and what to include in the Call

- Do we meet in 2016
 - YES
- Discussion of joint conferences for 2015-2016
 - Hydrology – Lak, Jeff
 - ARAM – Haig
 - Energy – Sue Ellen
 - Prob & Stat – Mike Baldwin
 - EIPT?
 - NWP post-processing
 - Python
 - WAF?
 - HPC
 - Aerosol & Cloud
- Discussion: Do we partner with a peer-reviewed conference?
 - Climate informatics?
 - Mike Baldwin: June 22-25: Unidata workshop “Earth Systems Science Through Technology”
 - Hackathon
 - Hands-on
 - Email Mike if you are interested
 - IEEE World Conference on Computational Intelligence? Vladimir used to be active

AI Contest status

- Update on this years contest
 - Will be live on kaggle
 - Using data from Climate Corp
- Discussion and decision for 2016 contest
 - Need committee members
 - Carlos, Mike, Ryan, Mark, Karthrk

Sponsoring future Educational Forum, Short Course, or other outreach

- Do we want to do any of these at the 2016 meeting? Or other places?

Soliciting new material, links, resources, datasets for our website

- Input welcome!

Five Year Plan

- AMS asked us to review and update our five year plan (below)
- Let's review progress and update the plan for the next 5 years.

Five Year Plan (developed previously – to be updated)

Conferences

1. Annual conference held as part of the AMS annual meeting [2016-2021](#)
2. Goal of at least three joint sessions every year
3. Organize a big data session for the 2015 meeting (possibly make it annual). [Carlos will work on it for 2016.](#)

Outreach

1. Co-sponsor Climate Informatics Workshop 2014 - [We did this](#)
2. Sponsor or cosponsor a biennial AI contest 2016, 2018, 2020
3. Maintaining and enhancing the AI Committee website 2015-2020 Arnaldo
4. Work with AMS on a big data presence for weather/climate data 2015-2020 [Carlos will work on this \(see above\).](#)
5. [Mike Baldwin is working on a Unidata workshop](#)
6. [Create a plan for education for atmospheric science. Mike Richman is leading this effort.](#)

Publications

1. Create a second volume of the AI Applications in Environmental Science book to be completed by [2018](#)
2. [Publication on the contest each year \(likely BAMS\)](#)
3. [BAMS proposal on AI in environmental sciences– Amy will lead this](#)
4. Goal of encouraging AMS AI Committee members to be editors/associate editors of AMS publications 2015-2020

Annual Meeting Short Courses

1. Sponsor a short course or educational forum [2018](#)

Award Nominations

1. Goal of submitting one Society award per year 2015-2020. [Amy and Lak will do this.](#)
2. Goal of generating two Fellow awards in the next five years 2015-2020 [Lak reports that one of our number is up for fellow. If they make it, we can work on this goal.](#)

Weather Fest

1. Goal of presenting interesting work (such as apps and games) twice in the next five years: initial year 2015

Visit from AMS

Open brainstorming and discussion

- Storm Evader on app store! New game in works.
- [Had a long discussion on education in sciences](#)