**Workshop on Higher Resolution SRTM Data & Flood Modelling**

**25 – 29 May 2015, Tonantzintla and Puebla, Mexico**

**Agenda**

**Day One: Monday, 25 May 2015**

**Location: INAOE, Auditorio Docente**

Item # Time Activity Responsible

 8.30am – 9.00am Arrival of Participants and Registration CRECTEALC/INAOE

1 9.00am – 10.00am Statements by co-sponsors CEOS WGCapD/NOAA,

 MCTP, BUAP,

CRECTEALC, INAOE

10.00am – 10.20am Coffee Break

2 10.20am – 11.00am **Introduction to DEMs and SRTM versions** Patrick O’Brien (NOAA)

3 11.00am – 12.30pm **Introduction to CEOS and SRTM Project** Patrick O’Brien (NOAA)

12.30pm – 1.40pm Lunch

4. 1.40pm – 2.10pm **AmeriGEOSS Intro** Nancy Searby (NASA)

5. 2:10pm – 2:40pm **TerraHidro - Intro / Theoretical Concepts** Sergio Rosim (INPE)

2.40pm – 3.00pm Coffee Break

6. 3.00pm – 5.30pm **TerraHidro - Tools and Usage Examples** Sergio Rosim (INPE)

6.30pm – Welcome Reception

**Day Two: Tuesday, 26 May 2015**

**Location: BUAP, Centro Cultural Universitario**

Item # Time Activity Responsible

7 9.00am – 10.30am **TerraHidro - Guided Exercises**  Sergio Rosim (INPE)

10.30am – 10.50am Coffee Break

8 10.50am – 12.50pm **TerraHidro - Guided Exercises** Sergio Rosim (INPE)

12.50pm – 2.00pm Lunch

9 2.00pm – 3.20pm **TerraHidro - Self-led Exercise** Sergio Rosim (INPE)

3.20pm – 3.40pm Coffee Break

10 3.40pm – 5.30pm **TerraHidro** - **Further Exercise and Wrapup** Sergio Rosim (INPE)

**Day Three: Wednesday, 27 May 2015**

**Location: BUAP, Centro Cultural Universitario**

Item # Time Activity Responsible

11 9.00am – 10.30am **SRTM Versions and Access** Pat O’Brien (NOAA)

10.30am – 10.50am Coffee Break

12 11.00am – 12.00pm **SMAP** Erika Podest (NASA)

13 12.00am – 12.30pm **EO Power** Sergio Camacho

(CRECTEALC)

12.30pm – 1.30pm Lunch

14 1.30pm – 3.00pm **GeoSUR Intro (Spanish)** Eric Van Pragh (ESRI)

15 **River Watch & MODIS NRT for Flood Response**  Bob Brakenridge (U. of

 **& Water Resource Management in L.America** Colorado-Boulder)

16 **GeoSUR SRTM 30m TPS**  Matt Cushing (USGS)

3.00pm – 3.20pm Coffee Break

17 3.20pm – 4.30pm **CREST Intro; Installing QGIS & TauDEM** Race Clark, Zac Flamig

(Univ. of Oklahoma)

18 4.30pm – 5.30pm **CREST:** **Overview of Hydro Models** Race Clark, Zac Flamig

(Univ. of Oklahoma)

**Day Four: Thursday, 28 May 2015**

**Location: BUAP, Centro Cultural Universitario**

Item # Time Activity Responsible

19 9.00am – 10.30am **CREST: EF5 Overview**  Race Clark, Zac Flamig

(Univ. of Oklahoma**)**

10.30am – 10.50am Coffee Break

20 10.50am – 12.50am **CREST:** **DEM Derivatives**  Race Clark, Zac Flamig

(Univ. of Oklahoma)

12.50pm – 2.00pm Lunch

21 2.00pm – 3.20pm **CREST: Rainfall and PET**  Race Clark, Zac Flamig

(Univ. of Oklahoma)

3.20pm – 3.40pm Coffee Break

22 3.40pm – 5.30pm **CREST:** **Automatic Calibration**  Race Clark, Zac Flamig

(Univ. of Oklahoma)

7:00 - Farewell Dinner

**Day Five: Friday, 29 May 2015**

**Location: BUAP, Centro Cultural Universitario**

Item # Time Activity Responsible

23 9.00am – 10.20am **CREST:** **Using and Interpreting Model Output** Race Clark, Zac Flamig

(Univ. of Oklahoma)

10.20am – 10.40 am Coffee Break

24 - 10.40am – 12.50pm **Participant Presentations**

12.50pm – 2.00pm Lunch Break

 2.00pm – 3.00pm **Hydrology Models Discussion & Feedback** Jesus Gonzalez

(CRECTEALC)

3.00pm – 3.15pm Workshop Closure and Certificates Handing Out