Stress sub-working group meeting
June 9th, 2015

Present
Manuele
Mike
Masaharu
Stephan
Sebastien
Lorenzo
Jane
Alessandro
Anne-Marie

1. Barcelona summary
   a. Some communication issues
   b. Fair means "ok" not concerning "justice"
   c. Developing / developed countries

Questions: only related to water scarcity -> Yes

2. Next steps
   Mauele: now is a good phase for dissemination

3. Remaining issues
   Range (issue brought up by Brad)
   a. Stephans analysis based on endpoint results a range of 1000 for 98% of the values (based on endpoint factors from Pfister et al 2009)
      i. Other methods have higher spans (Hanafiah, Veroens, Motoshita, Boulay)
      ii. Markus: Maybe use CTA results?
      iii. Manuele: combine different numbers and see what is meaningful and/or look at the inventory level to determine
   iv. Anne-Marie: Cutoffs already considered in preferred option
      1. 2% cutoff (positive)
      2. 12% cutoff (negative) / 1% every year
      Inventory might be more relevant argument for stakeholders
   v. Maybe compare prices of water supply (deslination / normal water supply)
   b. Alessandro: Maybe just see after the case study examples, what makes most sense
   c. Conclusion: test different options and keep one as the default

Cascade effects (Loubet et al.)
   a. Data is not accurate enough
b. -> check with Philippe if he can do it for some major watersheds

Greenland / polar regions

a. HYDROLOGICAL data is very bad (Watergap confirms) so we should just exclude it (Watergap has a mask they will share with us)

b. What about other regions in the North -> to be checked

c. Desalinated water-> how is it considered

Desalination

a. Distribute it based on consumption and water stress

b. Stephan to test a few options (based on anne-maries country data

Uncertainty

a. A student at CIRAIG will work on it

b. We do not get real uncertainty data on the watergap data

Name of indicator

-> AWARE (available water remaining)

Maybe rather method name?

IN JRC: methodology (i.e. LCA), method (subset, e.g. RECIPE), which has model (impact category) and factor (CF; result of model)

-> rather model -> AWARE is model, factor (CF) is scarcity factor of the AWARE model, it calculates the water deprivation potential.