



*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 yearInventory 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.