

Report for WATER USA

1. Presentation was done by Safal Das Biswas, Arpan Sinha and Kapil Krishna
2. The main aim of the project was based from a research article, "SHIFTING from volume to economic value in virtual water allocation problems: a proposed new framework and methodology"
3. For our project purpose we have defined what is grey, blue and green water.
4. We discussed on Agri – Food Supply Chains at different levels particularly 3
5. As provided us we successful in calculation of mean, standard deviation as a Statistical work
6. Next we use r – studio to drew box plot and bar pot of few data from excel provide to us.
7. We showed everything by table in our power point representation.
8. The resulting method presented was not able to assign a value to in – stream ecosystem services and thus it was not able to approximate all the components of Total Economic Value .The method was also unable to assign a value to green water. However, the method can address off – stream water use at all levels of the supply chain. In particular, the relative abundance of economic values for off – stream water use in agriculture was able to illuminate the trade –offs that an economic value approach can suggest. Consequently, agricultural values are the focus of the method developed. Unlike conventional economic theory though, which advocates that water should flow to the highest valued use, this method indicates that water should be allocated to the lowest valued use (or location) within each functional context along a supply chain.
9. As our own research we provide data on Rice Production around the world.