



PAVITRA GANGA

Database of regional model results and scenarios Deliverable D4.4

WP4 Water monitoring, modelling and control

Task 4.3 Regional water quantity and water quality modelling tools to assess the impacts of adopted technologies/strategies and water resources allocation policies on water quantity/quality for the two case areas

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Dissemination level		
PU	Public	X
CO	Confidential, restricted under conditions set out in Model Grant Agreement	
CI	Classified information as referred to in Commission Decision 2001/844/EC)	
R	Document, report	
DEM	Demonstrator, pilot, prototype	
DEC	Web sites, patent filings, videos, etc.	
OTHER	Software, technical diagram, etc.	X
ETHICS	ETHICS	

History			
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SUMMARY

The database of regional model results and scenarios (Deliverable 4.4) - is the fourth deliverable of Work Package 4 - Water monitoring, modelling and control. WP4 has the overall objective of delivering robust, smart and comprehensive solutions for water quality and quantity monitoring, and management of water resources in the two case areas. In Task 4.3 the WEAP (Water Evaluation and Planning System) model is set up to analyse the changes in water availability and quality in response to the change of water management interventions, consisting of different degrees of wastewater treatment and disposal, and water use efficiency improvements in various sectors.

The set-up of the model for the two case areas, the scenarios and results are fully described in D4.1. This document, Deliverable 4.4, includes the WEAP database files.

Instructions for consulting the databases

An installed WEAP model is required to open the provided database files. Although there is a license fee to fully activate the WEAP model, the WEAP model software can be downloaded and installed without a cost to open the provided models for Kanpur and the Barrapullah region. The WEAP demo version allows to consult all model input, defined scenarios and model output.

The WEAP model can be downloaded from the WEAP-website: <https://www.weap21.org/>. Creating a user profile is required to activate the model download functionality. After installing the WEAP model the provided WEAP-database file can be opened. After opening the WEAP-database files for Kanpur and Barapullah WEAP will create new WEAP Areas for these two regions and model input, model settings and model output can be consulted in full detail for the two regions.

The two databases are downloadable from the following url: <https://pavitra-ganga.eu/en/weap-files>



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