

Holding Water in the Landscape with Communities in India

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Empowering communities to take action for themselves, is a more long lasting solution to alleviating water stress.

"When a drought or flood comes, it doesn't look at whether you are rich or poor. Eventually, it will take everyone in its grip."

FLOODS AND DROUGHTS ARE TWO SIDES OF THE SAME COIN..

THE SOLUTION IS

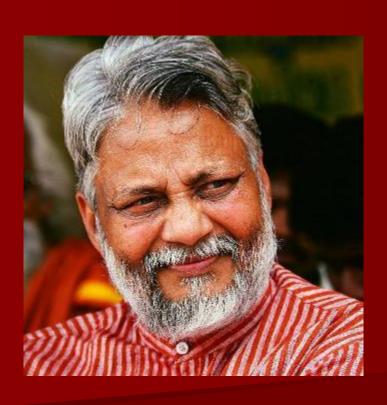
HOLDING WATER WHERE
IT FALLS...

The Power of People's Engineering: Community Driven De-centralised Water Management



A quick history of our work in India

Rajendra Singh World Water Prize 2015 for this work in Rajasthan-India



Also known as the "Waterman of India", for his pioneering work in community-based water harvesting and water management.

In 2008, The Guardian named him amongst its list of "50 people who could save the planet. Rajendra Singh too was about to go back to Delhi where he had come from, thoroughly dejected that there was nothing he could do. Until he met this man's father...



That meeting was to change the life of that region forever...

Drawing the map



Is that ash you're using...?



Ah...I can see it now...



Staking the location



Diggin away the moments that make up a dull day..



Coming along



Looks an impressive intervention.. WE BUILT IT!!



The 'river' in 1985



The river in 2000 (and today)

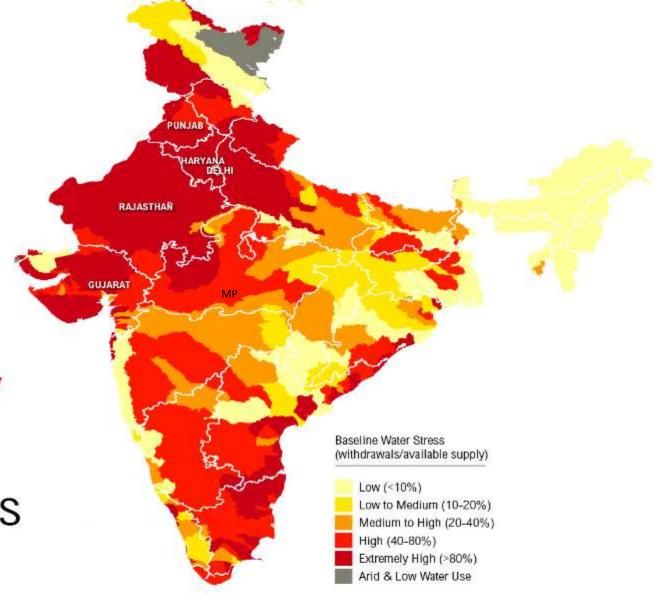


15,000 Structures have been built since then

7 rivers have been revived...

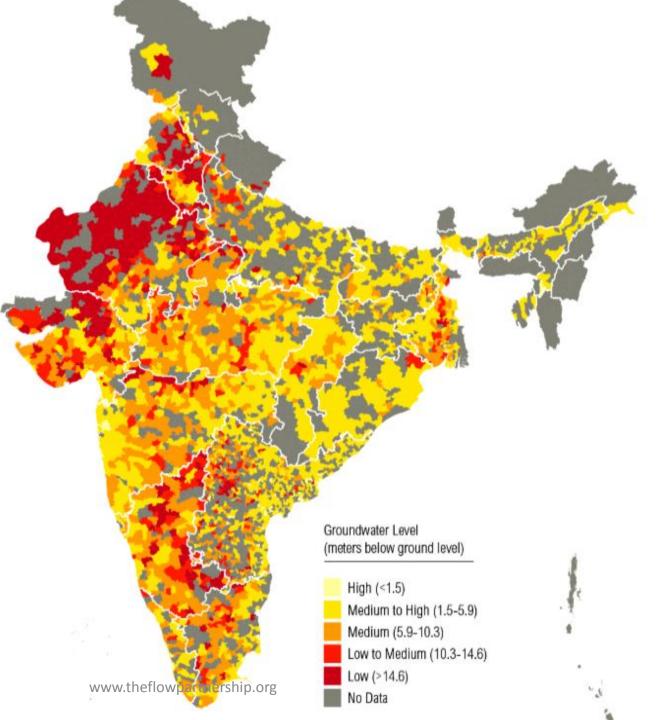
What's happening in Rajasthan in 2019...?

54% of India Faces High to **Extremely** High Water Stress



54%

of India's Groundwater Wells Are Decreasing



Karauli district in Rajasthan India





100% of the ground water wells here dry – landing them squarely into the map of the future of water

100% of the people there are considered to be living below the poverty line







HOW DO YOU GO FROM THAT ARIDITY...



Community Driven Decentralised Water Management













Countless conversations with the local community.... Discussing their woes, what will bring them back, coaxing them to contribute to the process ...

Getting them to unlock the gates to walk the path to a healthy local water cycle again..









Maharajpura says YES!

SHEMU आप हिलांक 14-4-2019 की महाराजपुरा स्थान वासी को के किया तथा विया 2,42) का शमदान एकात्रेत करेगी। सहसा हमे 10 वास्य क्रायों की कार्द कारवाने जार कार्य होने ही © डाँग वे जानी लाने की कावला दोनो बगल से © ड पुर स्वार और 5 फ्रर पाड की इनाई क पाड की न्योडाई नीचे से २5 कर होनी हैं Siall of 1510as 2.00. 245 5.00. 24 55 तय कि जासी की जापरा के साथ मे ानेम्न दर तथ नी जाई SS 59 रू. होली भराई 2300 & E102 -clarit 700 र टाउटे J. C.B. से ट्रेसलाई ता 20-4-2019 से काम करना तय वियात्रा 17 me - 8.15 EZ A 40 EMIZ & A STUCE यात्रीम न्यंवना प्राप्त त्यात्र त्यात्रम् राश्चित व्याप्त व्याप्त विद्या www.theflowpartnership.org

THE KEY THAT UNLOCKS THE ACTION

AND THE WORK BEGINS IMMEDIATELY...









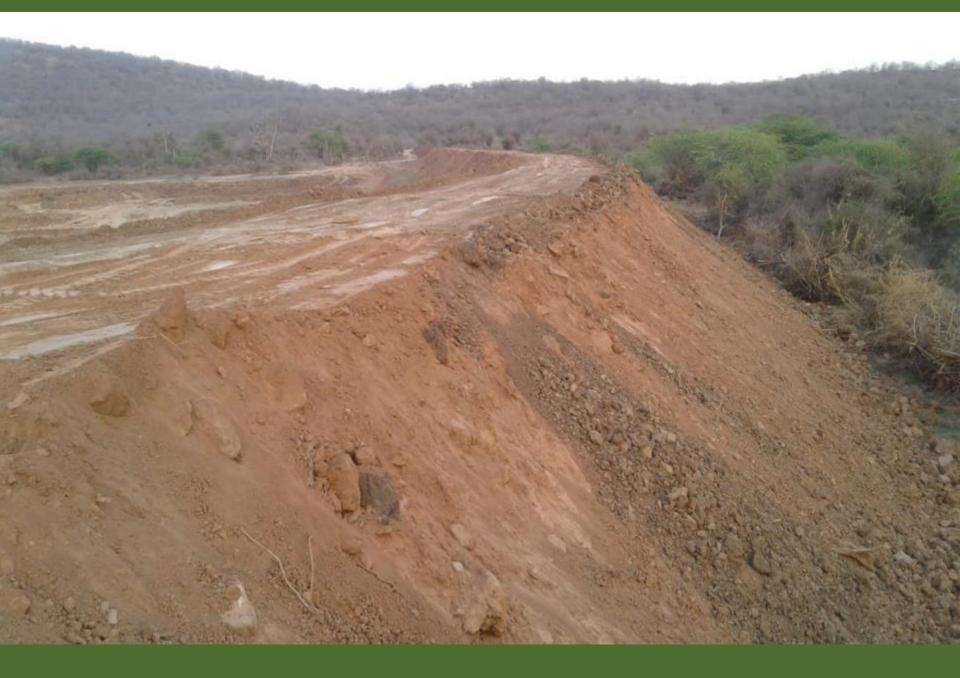












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Works on scale...

75 structures have been built in Karauli... If we were to help the villagers of the region revive the entire region and bring all the rivers and rivulets to life it would take less than five years at the rate of 70 structures a year – and of course some funds to help the process happen...



Satellite images of BOODKHEDA www.theflowpartnership.org

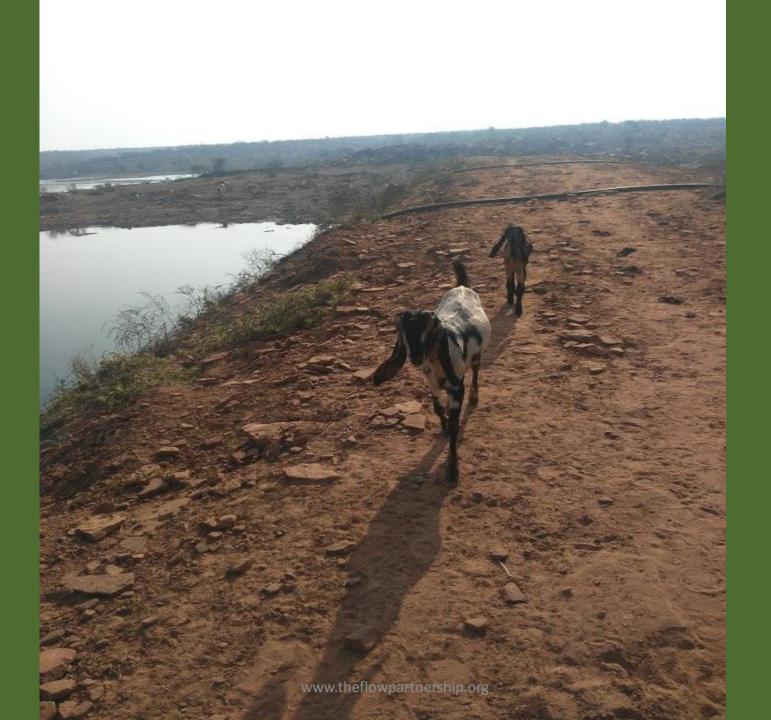




Boodkheda: built by these villagers 3 years ago...





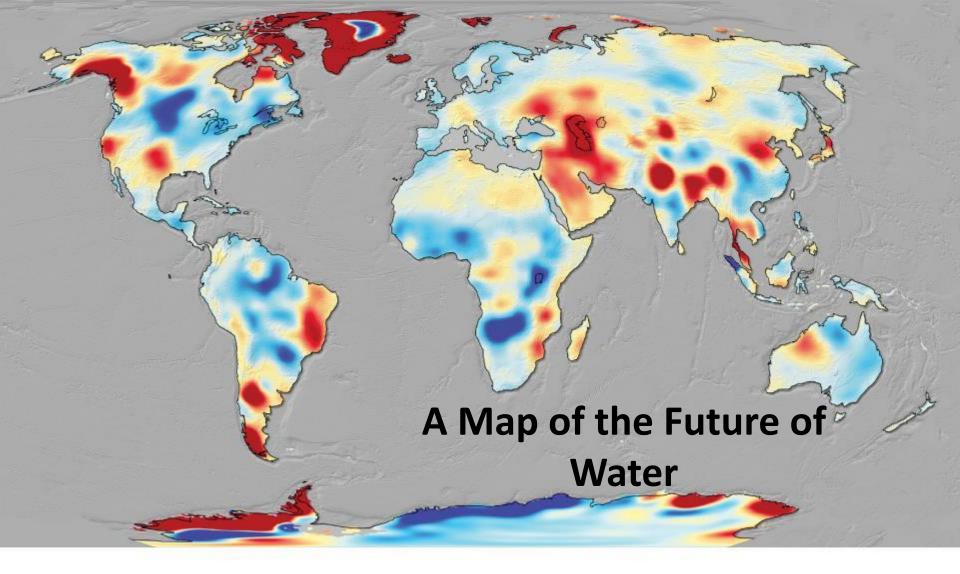


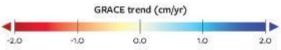




Amplifying this work Going from Local to Global

- Local wisdom is the key
- Work with what communities already know and trusting their wisdom
- Communities own their project
- Science in service of the community/not community in service of science
- Collaborating with local NGO's and the local government





Jay Famiglietti ED of the Global Institute of Water Recovery Uni of Sasketchwan from Gravity Recovery and Climate Experiment – NASA 2017 data

A GLOBAL WATER SCHOOL

WORKING GLOBALLY with COMMUNITIES LOCALLY



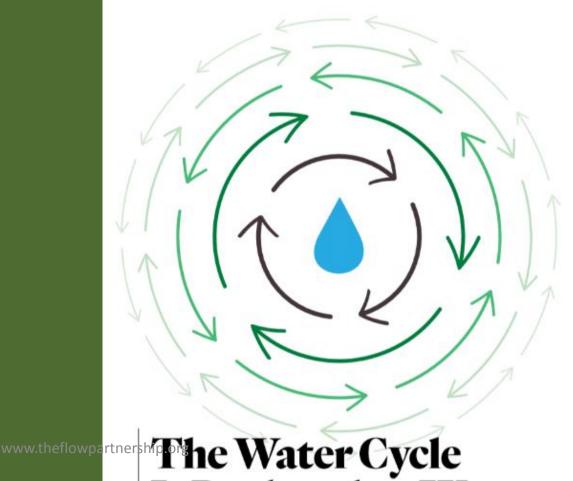


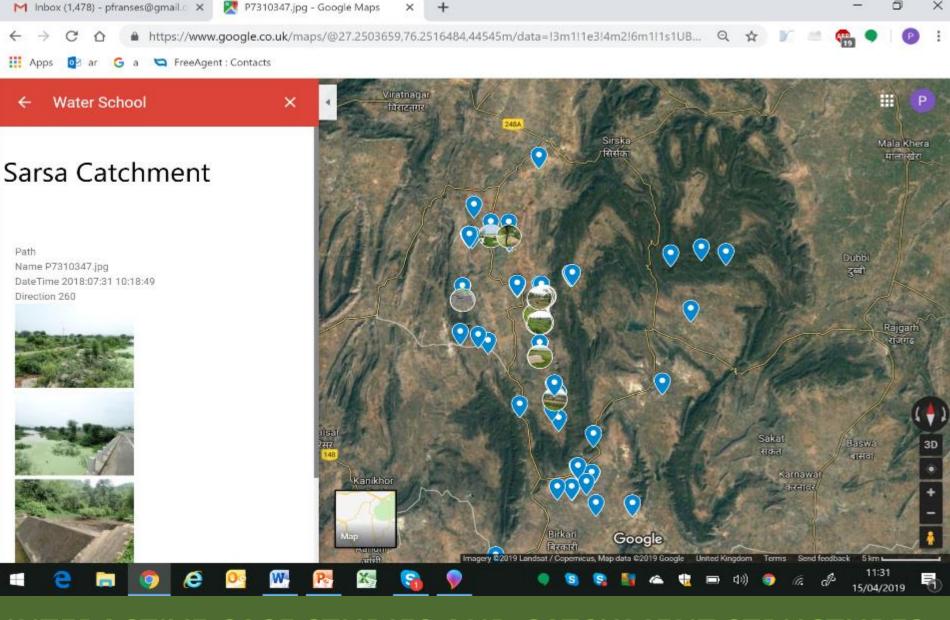
- * CATCHMENT HEALTH
- * REVIVAL METHODS
- * FLOODS / DROUGHTS
- * CASE STUDIES
- * MODELLING
- *SATTELITE DATA

Access to the tools and methods in the www.Water-School will ALWAYS be free

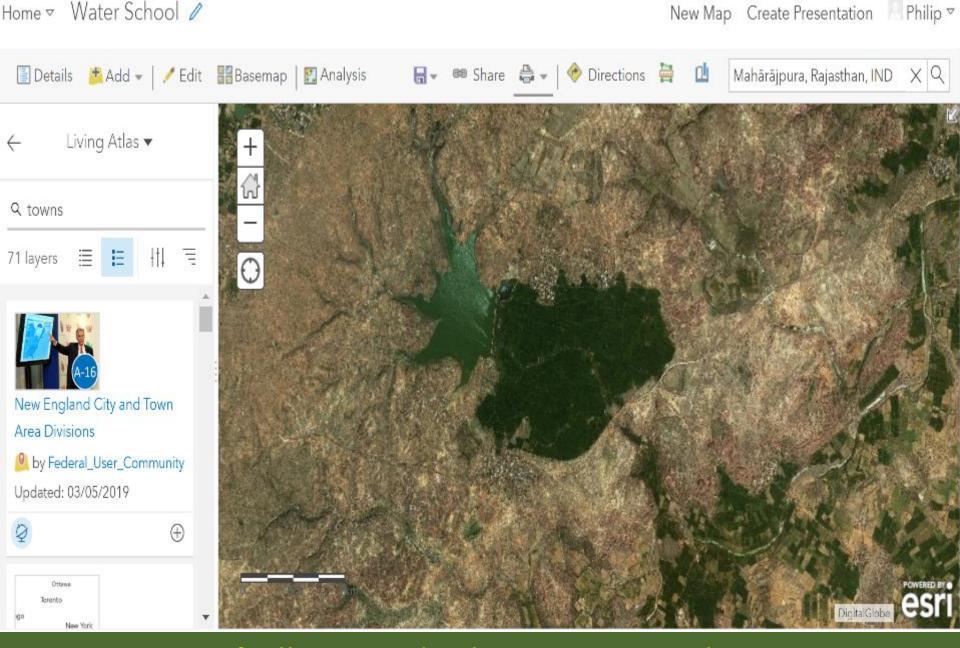
The Water School will bring back the wisdom in the unspoken partnership between people and their water

The GLOBAL KEY

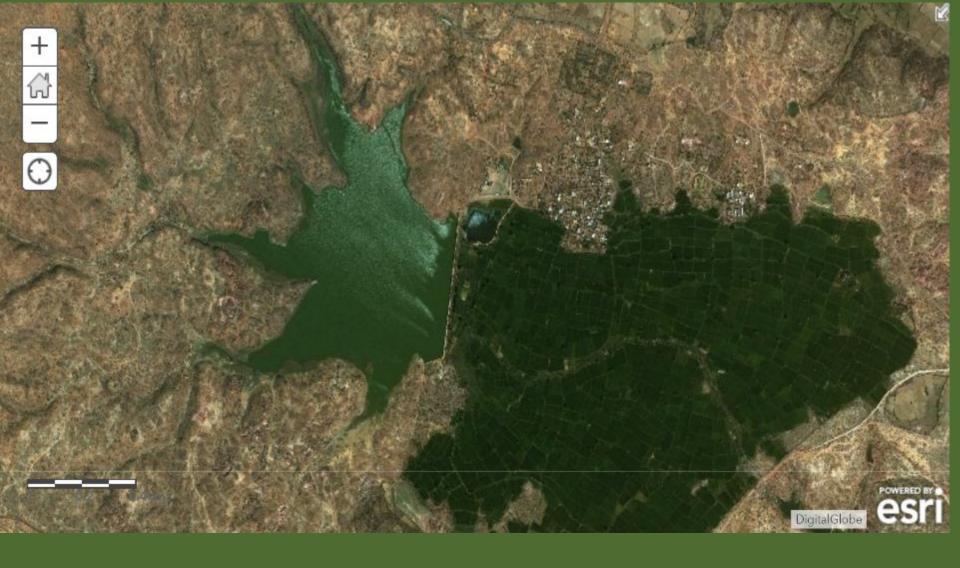




INTERACTIVE CASE STUDIES AND CATCHMENT STRUCTURES **AND METHODS**



Imagery of villages and Lake Sagar Maasalpur - ESRI



ALL YOU WANT TO KNOW IN ONE GLANCE

www.theflowpartnership.org







long range weather forecasts, crop choice etc via satellites and mobile network links

THE WATER SCHOOL IS A WORK IN PROGRESS ..





BUILD IT WITH US...

ARUP

theflowpartnership









Grown in 1.25 hectares of land

5 Metric Tonnes of Wheat!!!



With no fertilisers

www.theflowpartnership.org

• • •

One grain of wheat usually produces 8 or more heads with over 40 seeds per head.

This was 34 heads per grain with about 55 seeds per head!!!

