



Presentation from
**2015 World Water
Week in Stockholm**

www.worldwaterweek.org

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Modern Problems: Traditional Solutions Climate Change/ Water & Food Security

FLOW: AN EXPERIENCE OF TBS

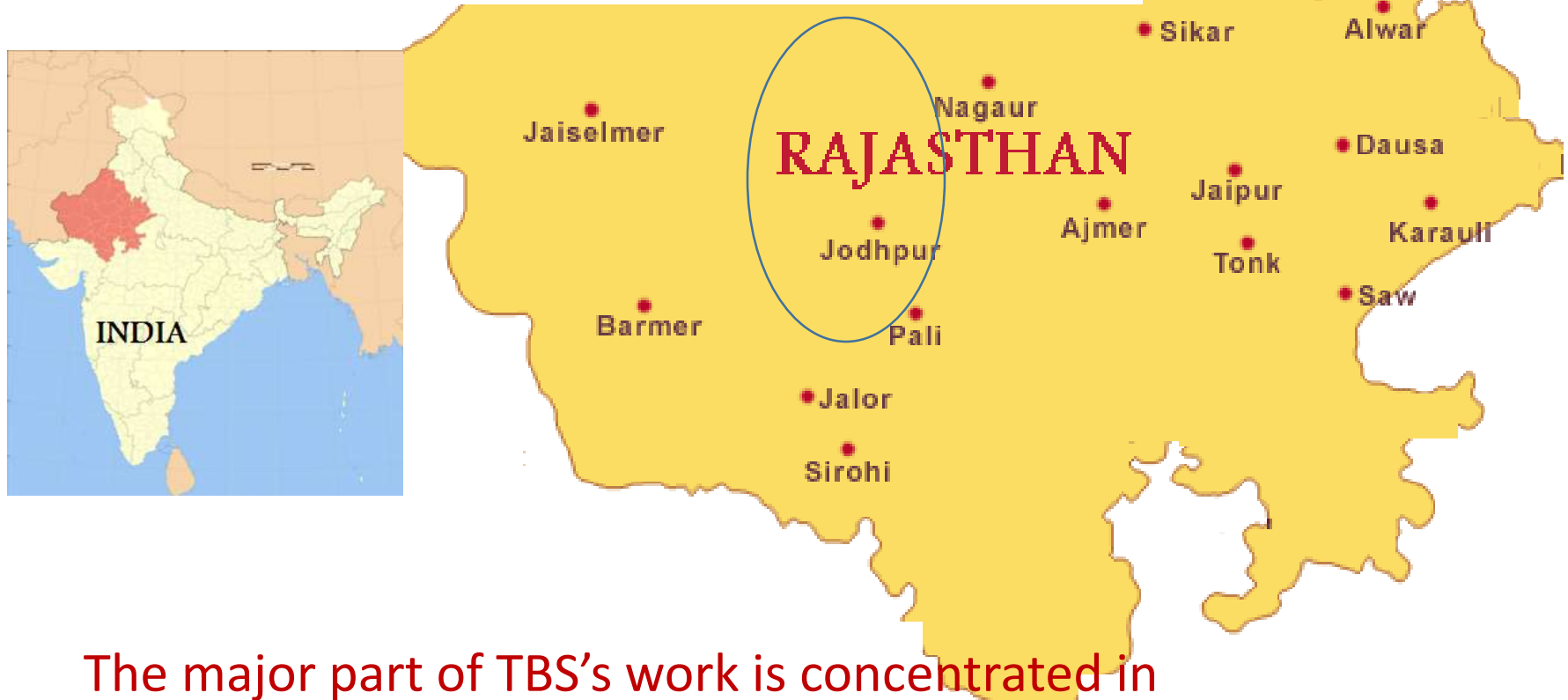
By:
Rajendra Singh, TBS



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Project area of TBS

1000 villages in state of Rajasthan of India



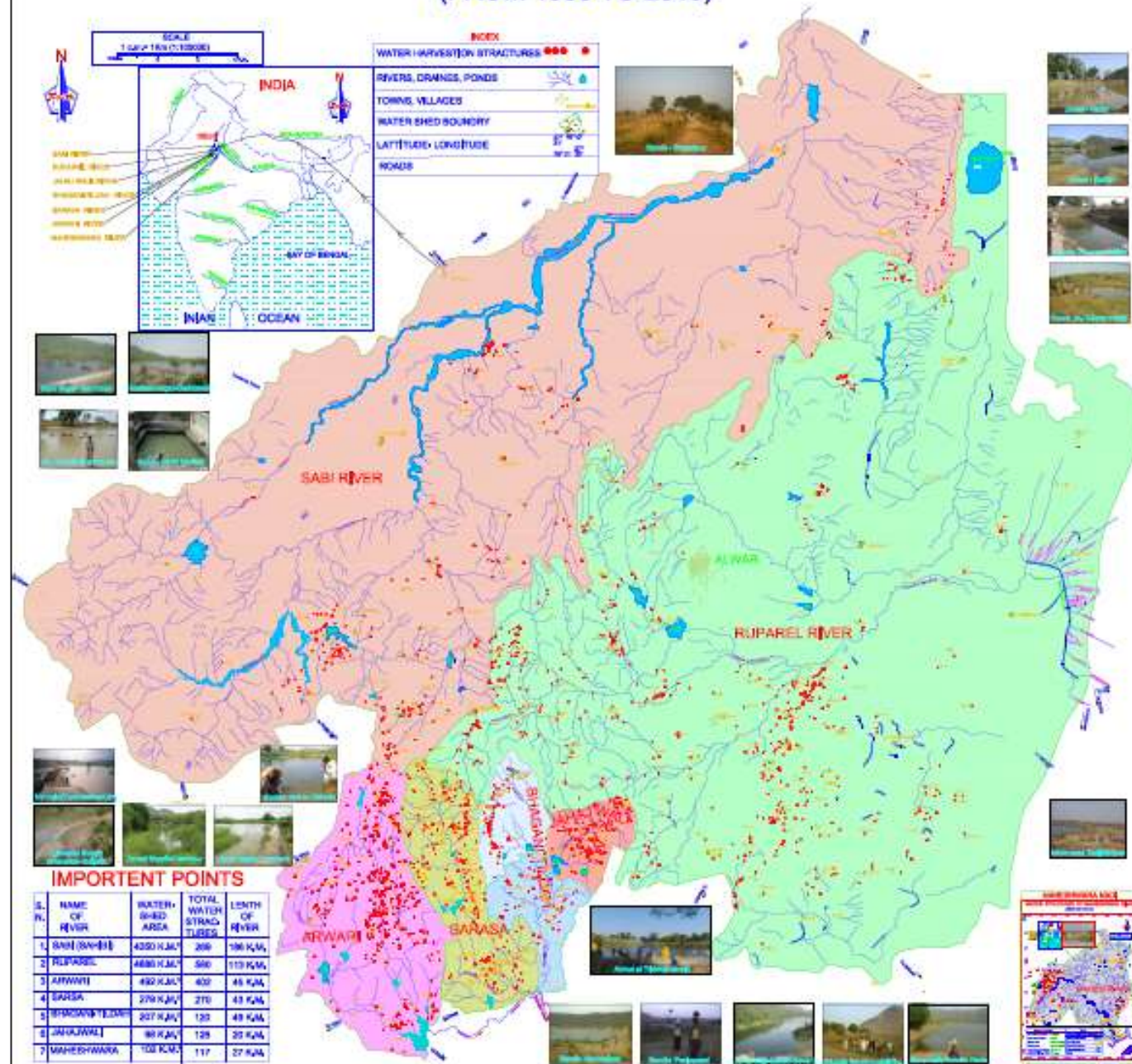
The major part of TBS's work is concentrated in 600 villages of district Alwar of Rajasthan.



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RAIN WATER HARVESTING STRUTURES BY TARUN BHARAT SANGH WITH COMMUNITY PARTICIPATION FOR REJUVINATION OF SEVEN RIVERS

(FROM 1985 TO 2015)



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1985

Degraded and barren land
in the catchment areas of Arvari river
& extended drought
had forced people to migrate
out of their villages.



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WATER harvesting structures taking shape



Johads and dams are usually built on small tributaries uphill and they directly benefit the forests on the hill.



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Ideas into reality.....



The river in 1985

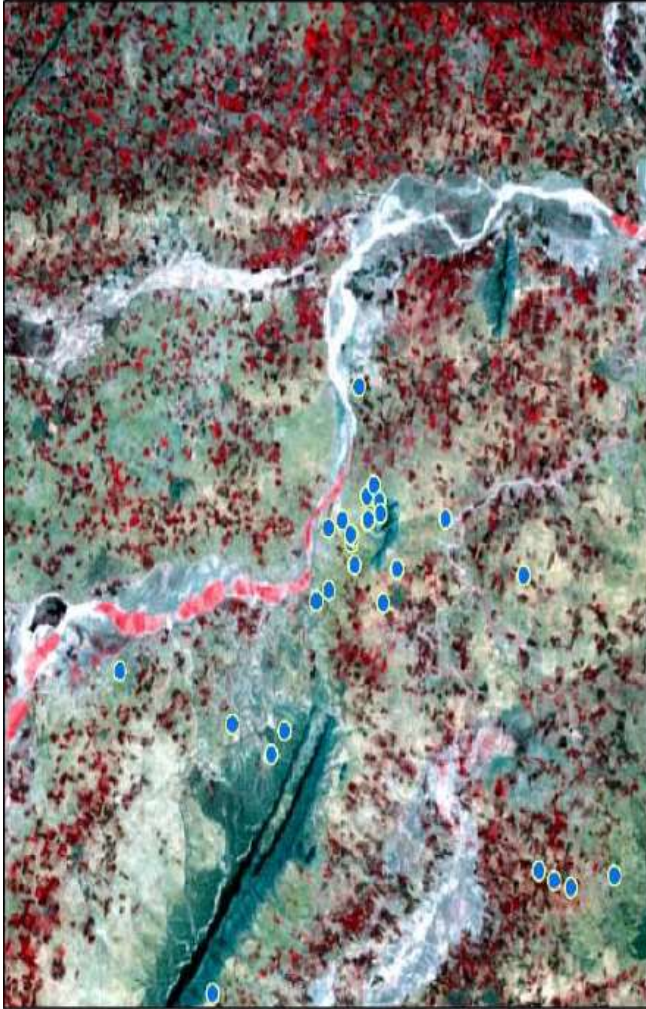
The river in 2000



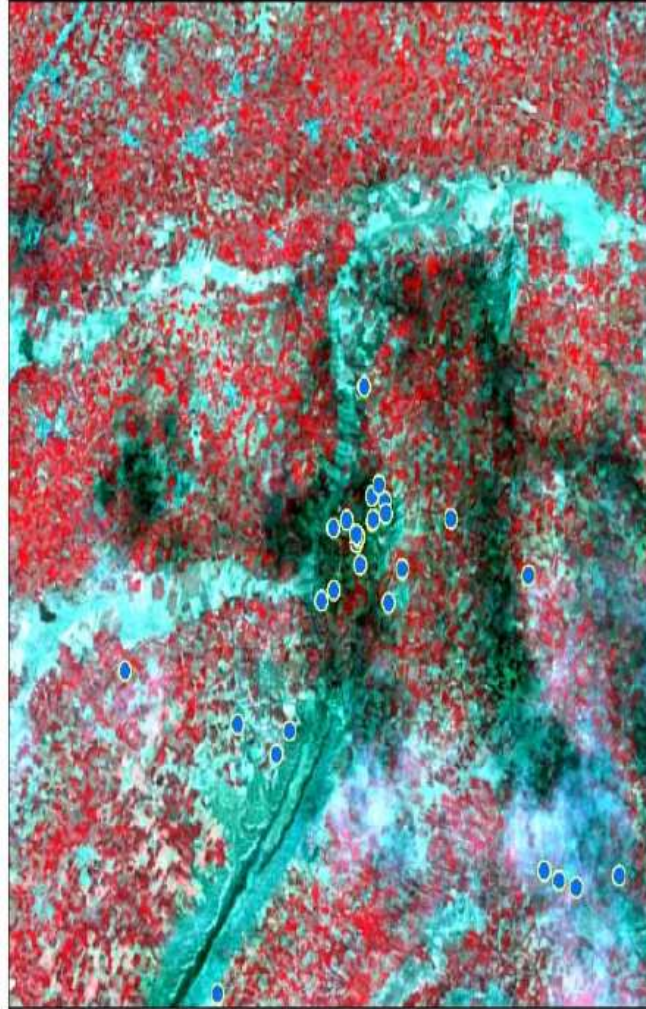


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16 March 1994



20 March 2014



- Blue color spots depicts RWHS
- Immense Increase in vegetation is clearly visible in the region

False Color composite- Vegetation is depicted as Red

Credit: National Remote Sensing Centre, Hyderabad, India

Location 5 – Pahari (expands from 27° 43' 45.66" N to 27° 52' 48.76" N latitude and 76° 15' 56.58" E to 76° 24' 42.47" E longitude/ Dry Season/ Large Agriculture Area)

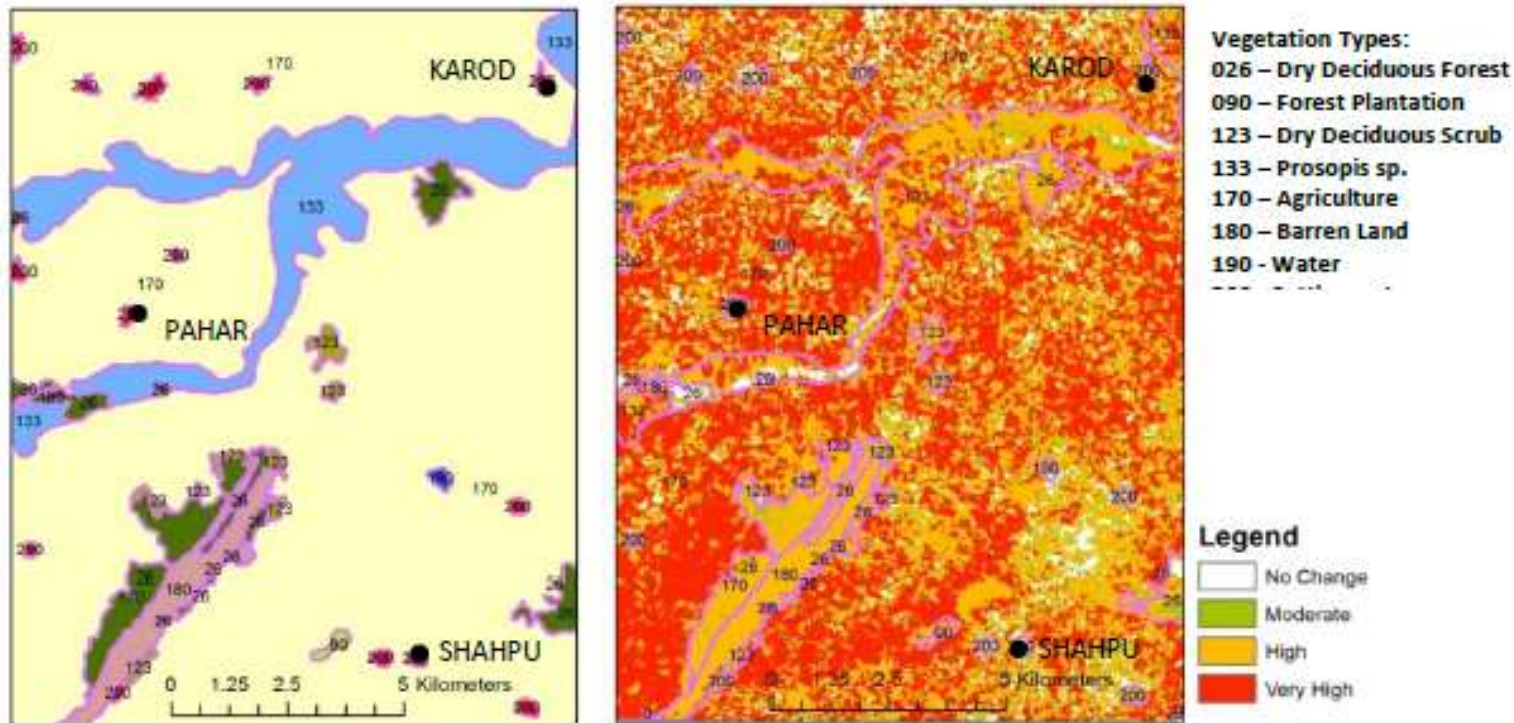
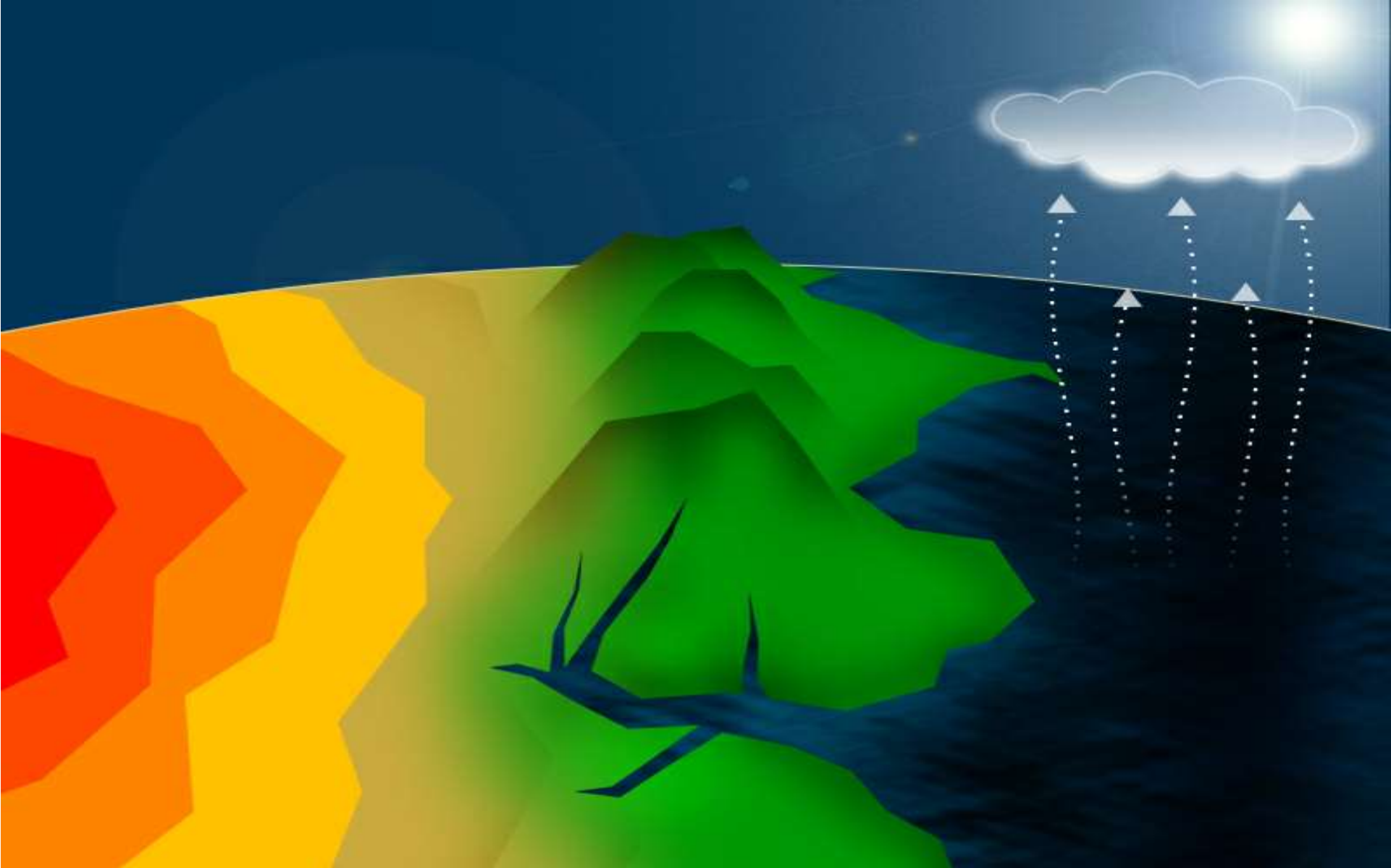


Fig. 8. Vegetation Type and Vegetation Vigour Enhancement Index Maps of Location - 5

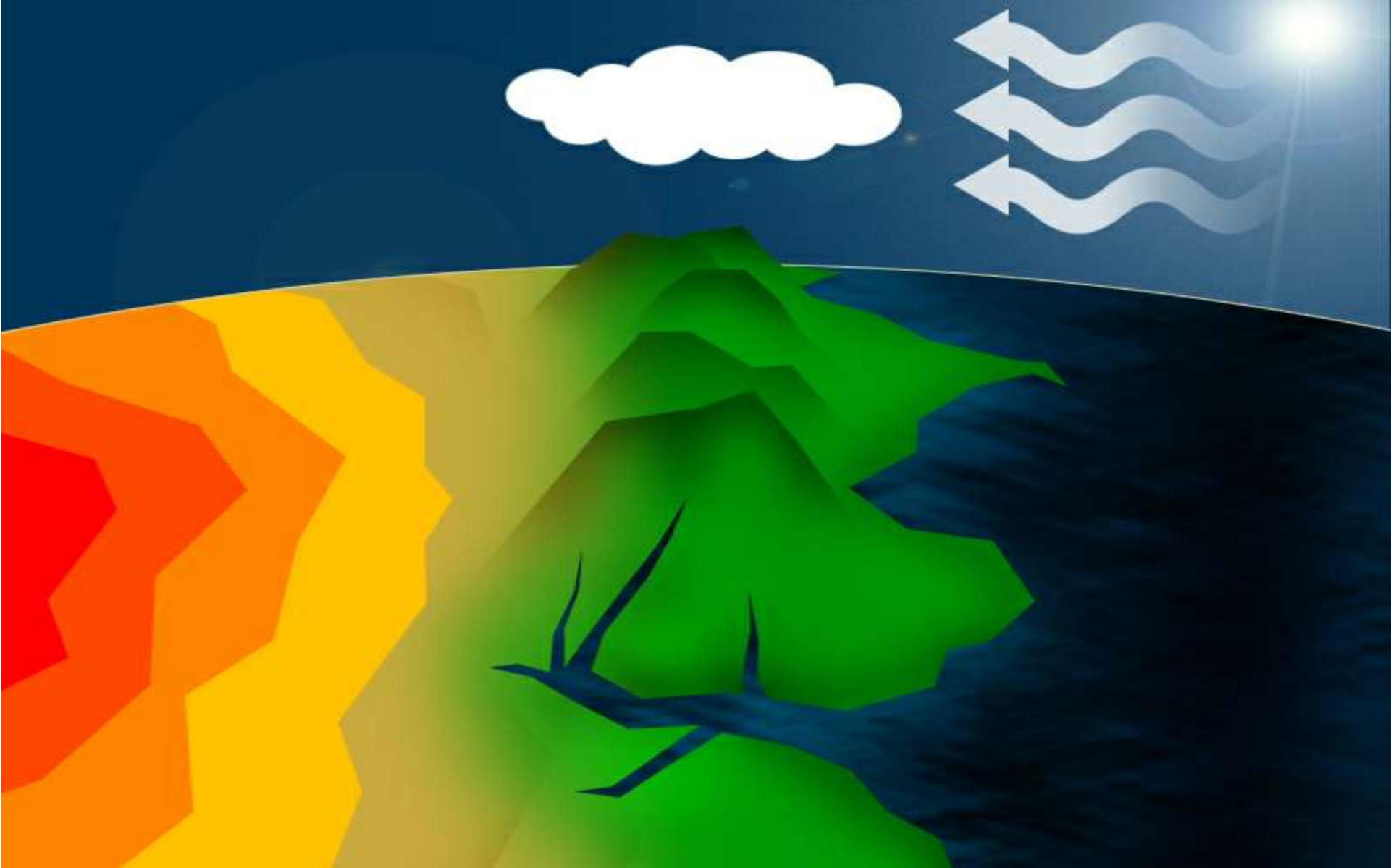
- Blue color spots depicts RWHS
- Very High Increase in vegetation is clearly visible in the region

False Color composite- Vegetation is depicted as Red

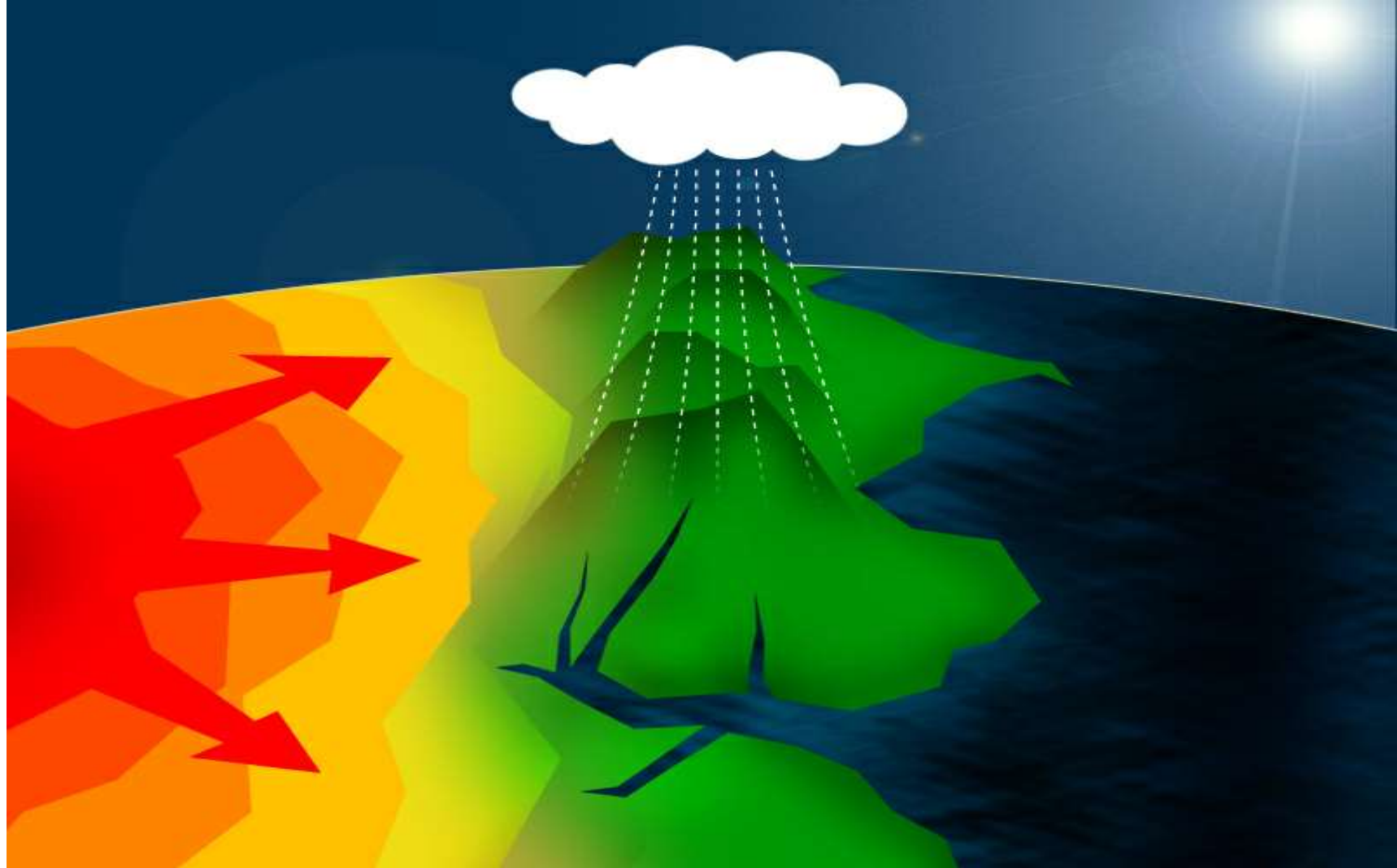
Credit: National Remote Sensing Centre, Hyderabad, India



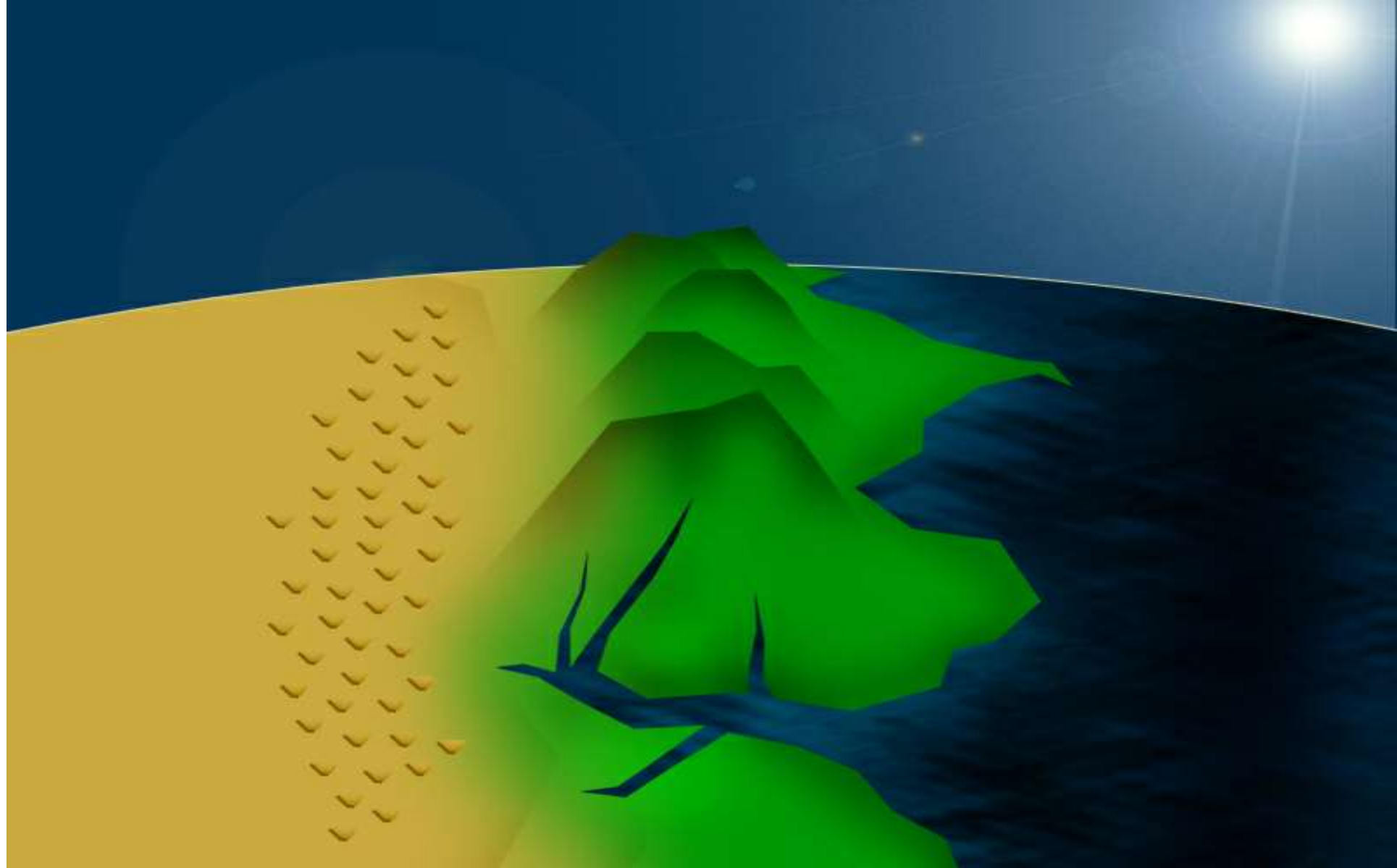
Credit: Michal Kravcik, Slovakia



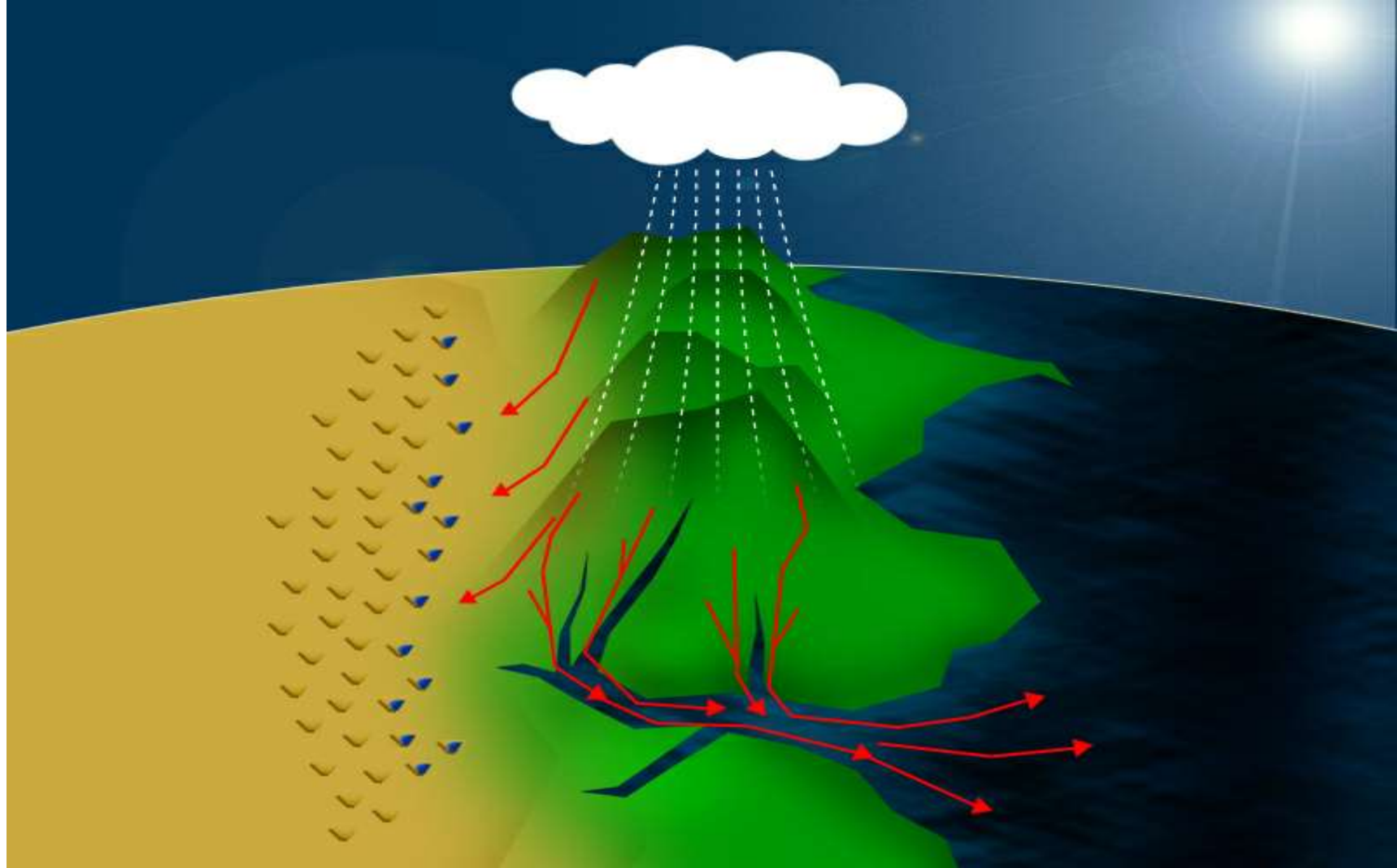
Credit: Michal Kravcik, Slovakia



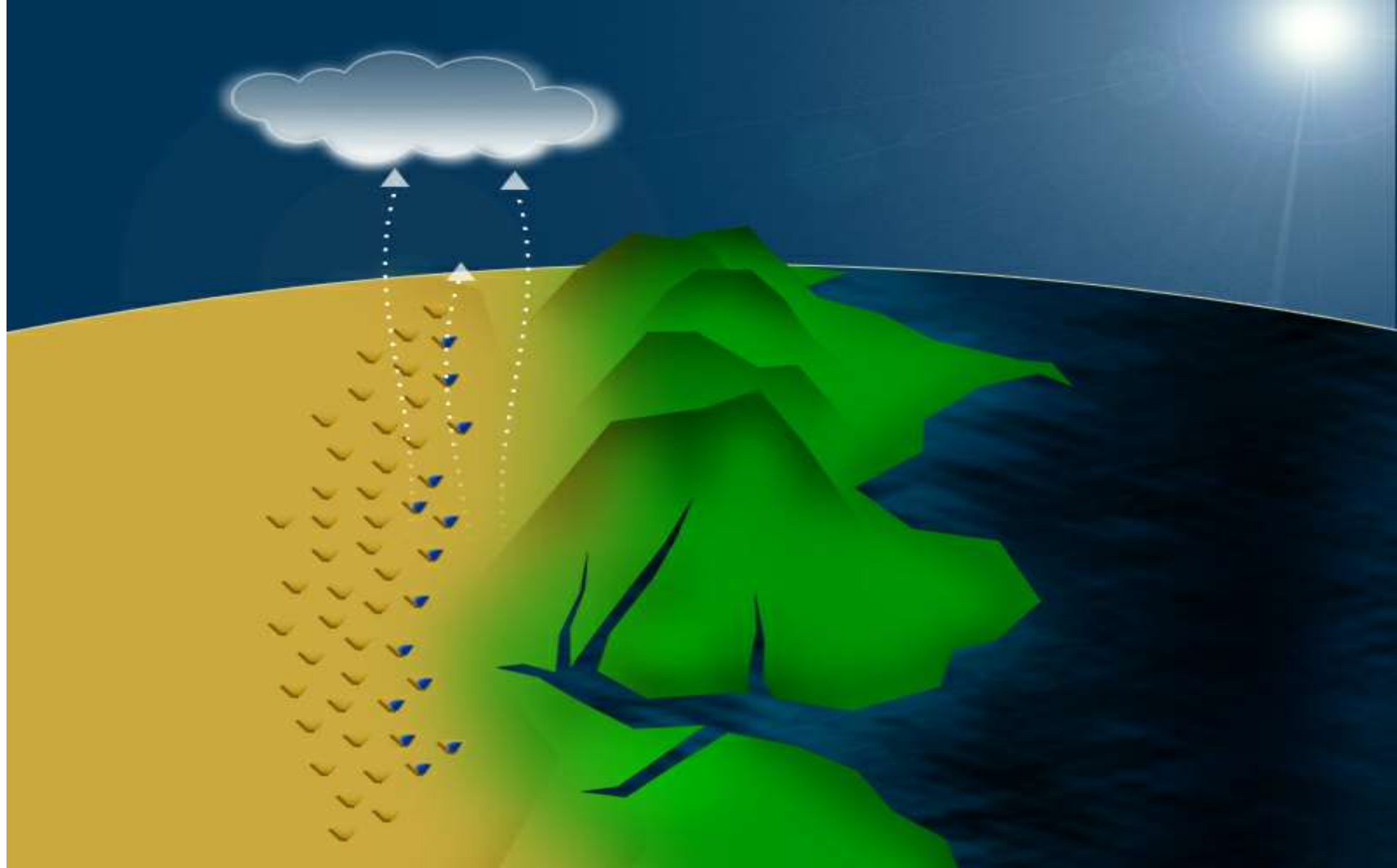
Credit: Michal Kravcik, Slovakia



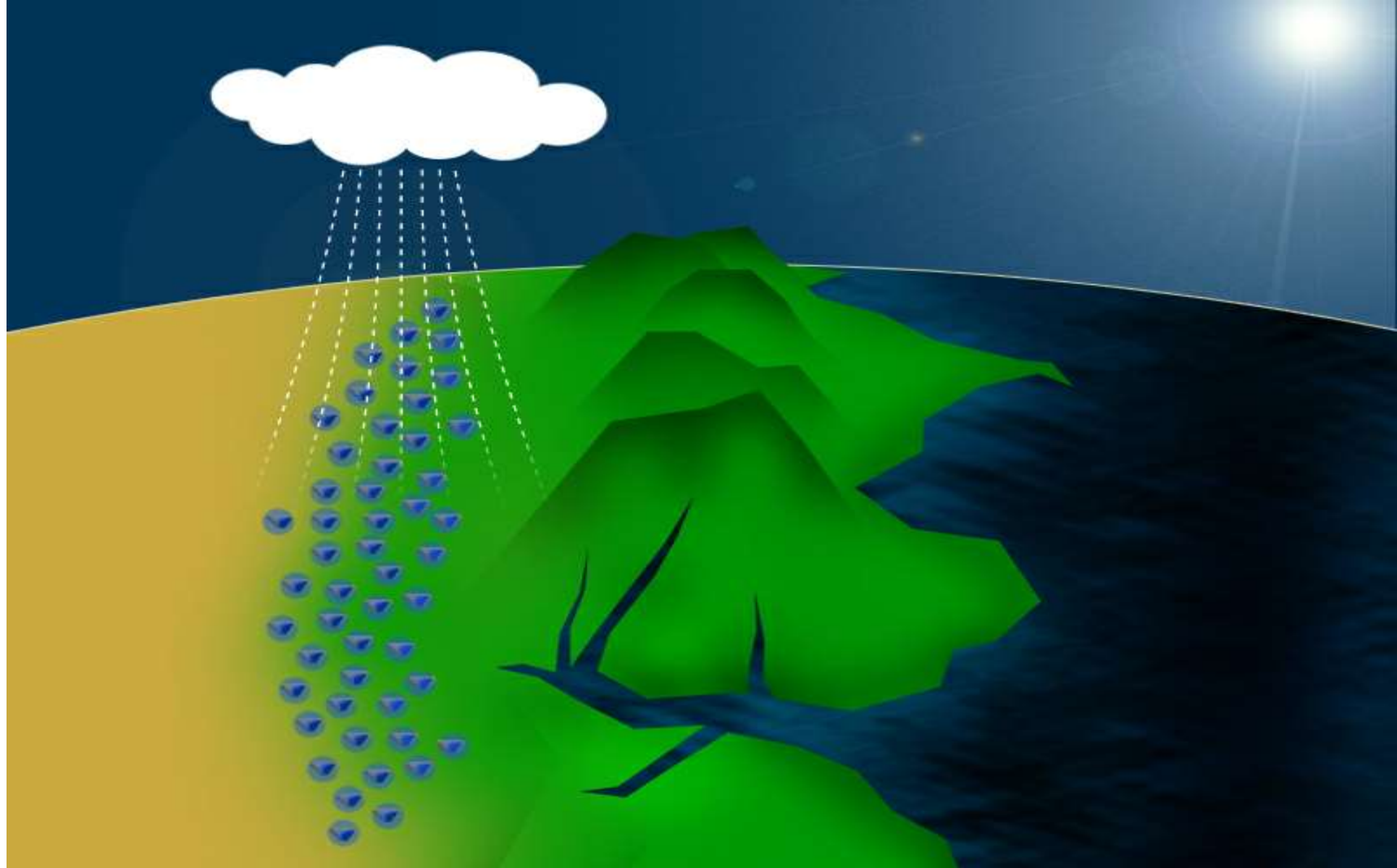
Credit: Michal Kravcik, Slovakia



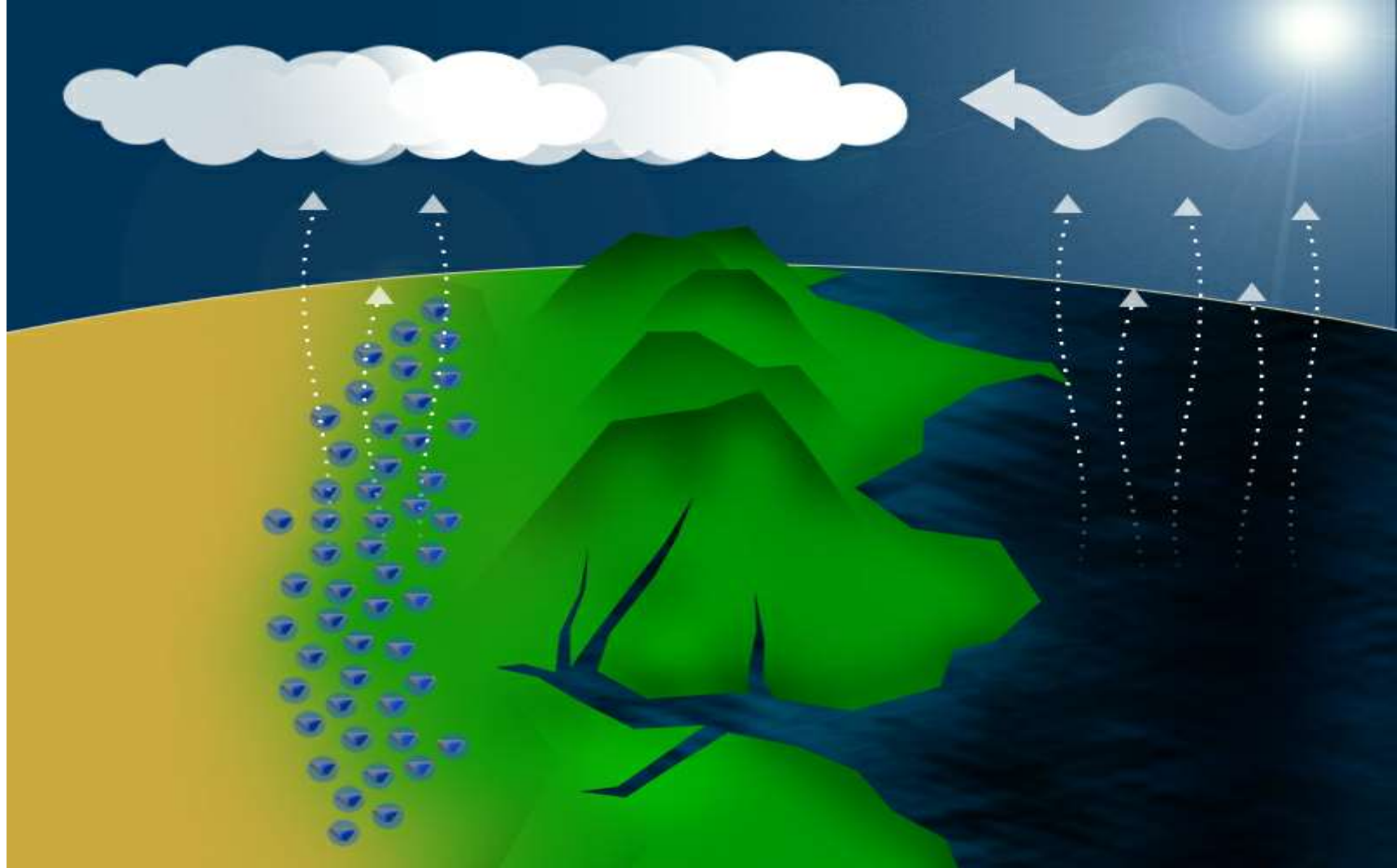
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