



Kayros

Power - Africa

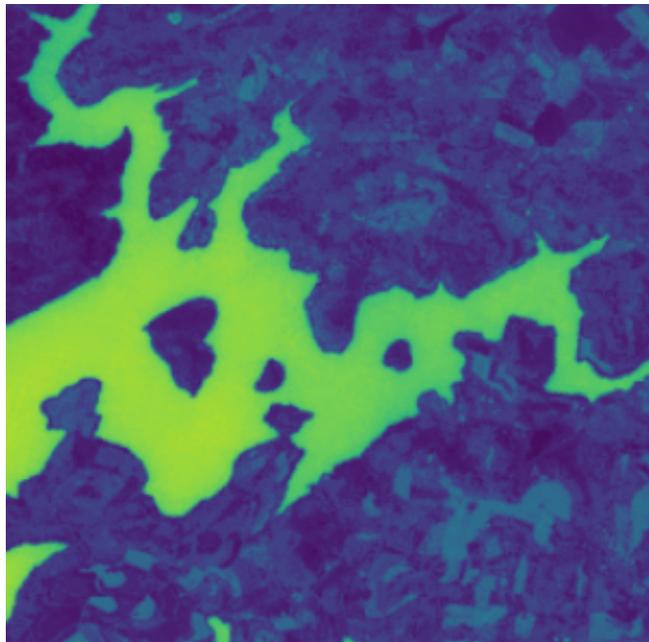


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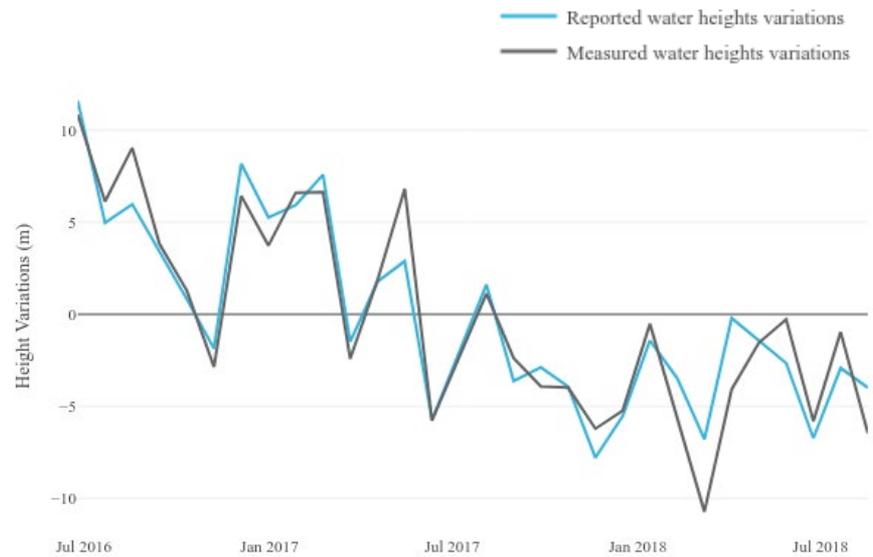
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Assess water stress / water levels through satellite imagery

Salto Santiago Hydro Reserve, Brazil



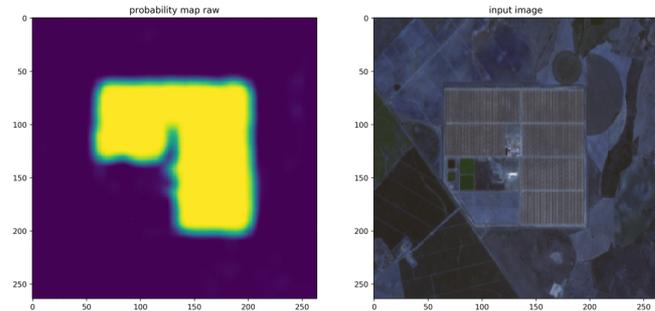
Variations of water heights – 2016 to 2018



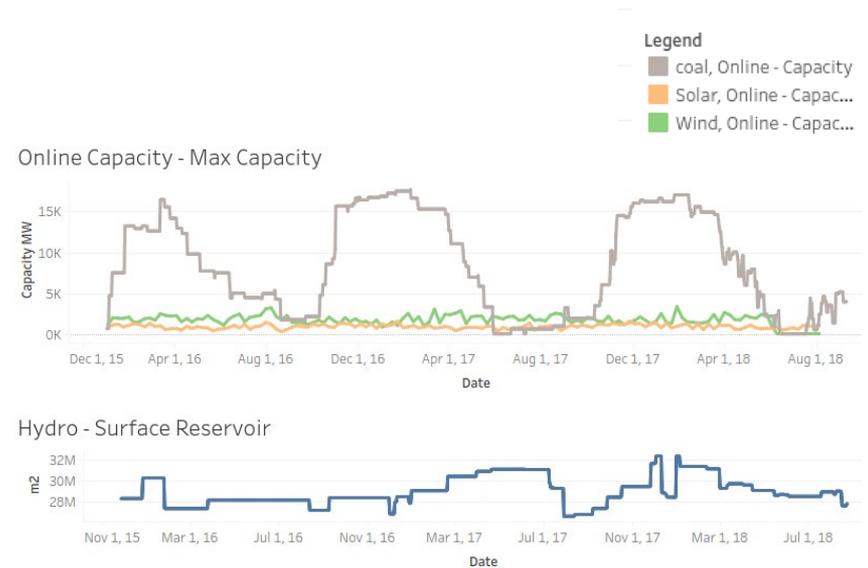
Source: contains modified Copernicus Sentinel data [2018], Kayrros analysis

Monitoring power generation online capacity, weekly

Power complex in Gansu, China



Online capacity by energy source



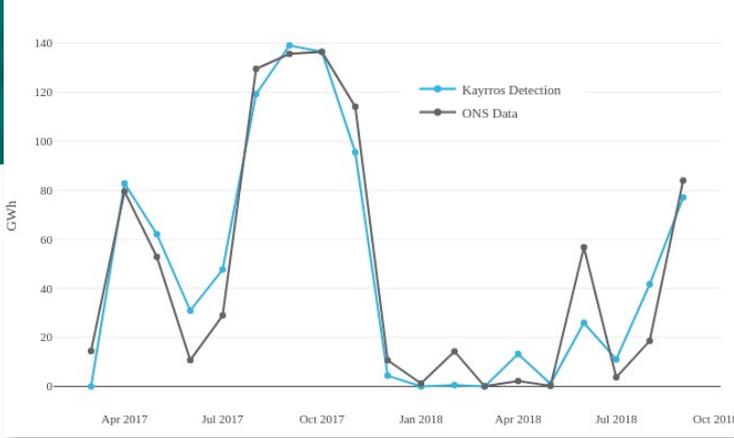
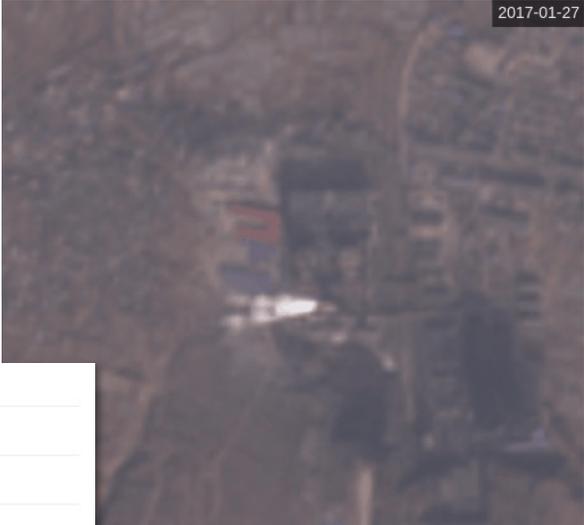
Source: Kayros analysis, Element 1: contains modified Copernicus Sentinel data [2018]; Element 2: ©Copernicus data [2018];

Kayrros automatically measures activity levels in power plants

Gas – heat detection



Coal – smoke detection



Used for real time energy consumption monitoring (coal, oil & gas)

Source: contains modified Copernicus Sentinel data [2018], Kayrros analysis

Kayrros detects power plants construction

Power plant construction



Up to date database of power plants

Accurate prediction of new online capacity

Source: contains modified Copernicus Sentinel data [2018], Kayrros analysis