How green and grey are making blue in PCJ Basins

"Rebalancing concrete infrastructures and nature-based solutions to improve resilience: when green and grey make blue!"





About us



With the support of associated municipalities and companies, the Intermunicipal Consortium of the Piracicaba, Capivari and Jundiai River Basins works to recover the water sources on their influence area.



Awareness about water resources management.



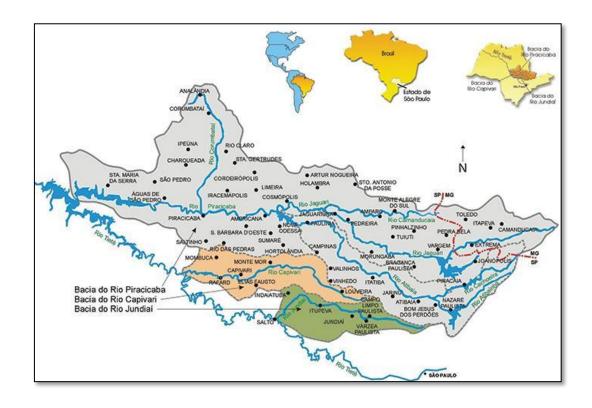
Planning actions to recover springs, rivers and other water sources.



Encouraging partnerships to water conservation.



<u>Our mission</u>: Integrate all sectors of society on behalf of the efficient management of water, sanitation and environment.





<u>Our Vision</u>: Contribute to a fairer, economically viable and sustainable society that respects the water in all its uses and potentials, in attention to the climatic changes.

Reality and challenges

PCJ basins have severe scarcity, low quality of water in rivers, and correspond to 7% of Brazil's GDP



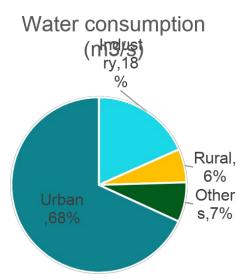




952 m³/hab./year



67% removal efficiency



São Paulo Macrometropolis (Expanded Metropolitan Complex) until 2035:



+ 60 m³/s

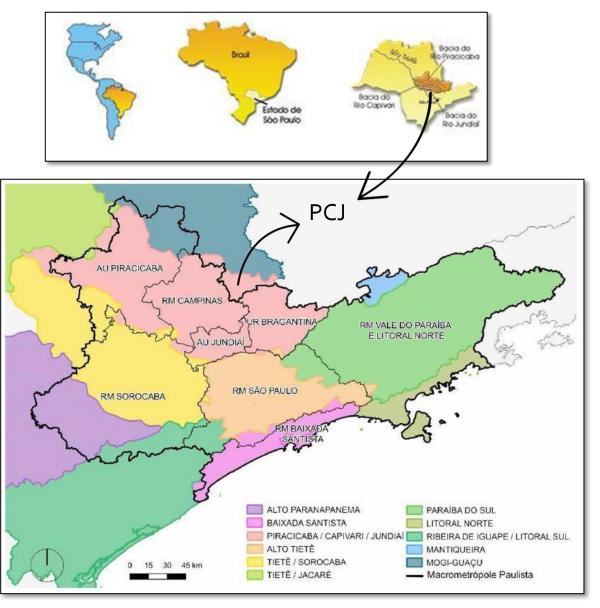


30 m³/s



30 m³/s





Actions





"Eyes of Serra" Project

- Monitoring "Serra do Japi" area against forest fires and invasions;
- Environmental awareness to preserve the Biological Reserve;
- Research and conservation of springs (a reservoir will be built in the area for public supply).



"Ecological Stormwater Retention Basin"

- Urban and rural natural systems of stormwater retention basins;
- Provides groundwater recharge, recreational opportunities, and improved water quality (runoff treatment);
- Reduces the potential for flooding and soil erosion.



"More Sustainable House"

- Environmental education for saving water and energy;
- Practical examples and suggestions for more acessible technologies and sustainable constructions;
- Encouraging conscious consumption and correct waste disposal.



Thank you!

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