









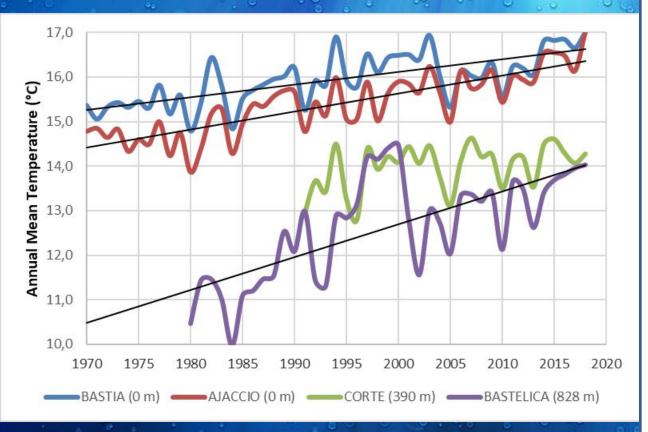


9th World Water Forum, Dakar 2022 Session 1F3

Climate change in the Mediterranean islands: the case of Corsica (France)

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Administrator of Rhône-Mediterranean-Corsica Water Agency
Member of the Corsican Basin Committee (France)
President of the Community of Communes of Central Corsica

Evolution of the annual average temperature of 4 cities of Corsica



Altitude (m)	∆ T (°C)
0	1,4
500	2,3
1000	3,3

Increase in average air temperature in 40 years

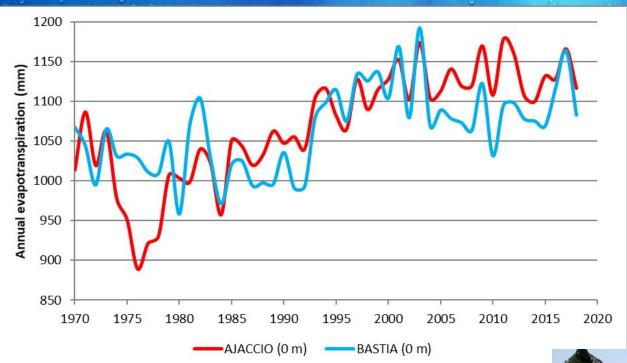








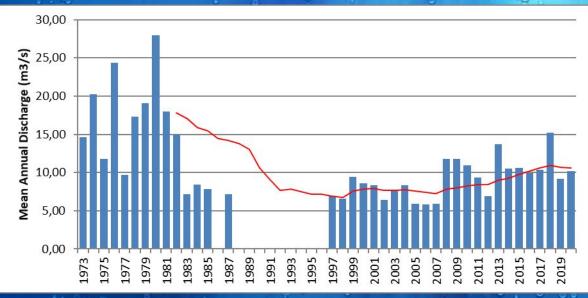
Evolution of annual evapotranspiration of 2 cities coastal of Corsica

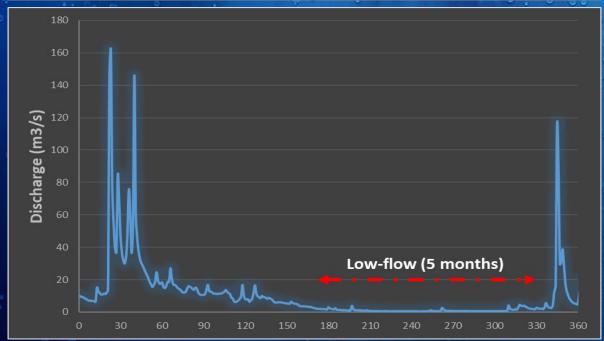


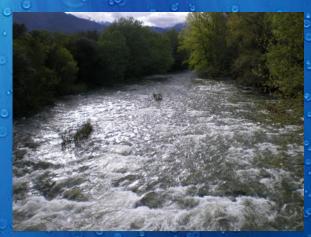


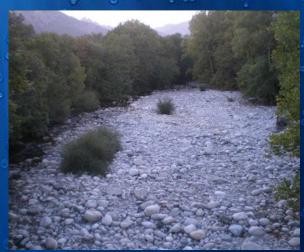


Impact on River Discharge (Tavignano)











PLAN DE BASSIN D'ADAPTATION AU CHANGEMENT CLIMATIQUE DANS LE DOMAINE DE L'EAU Pianu di conca per l'adattazione

Pianu di conca per l'adattazione à u cambiamentu climaticu in u settore di l'acqua

BASSIN DE CORSE / CONCA DI CORSICA

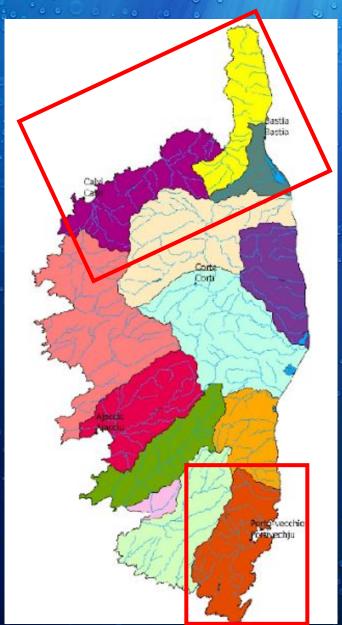
Adopté le 24 septembre 2018

Aduttatu u 24 di sittembre di u 2018



The Climate Change Adaptation Basin Plan (Corsica)

The Vulnerability of Territories





PINO Cap Corse



CALVI Balagne

BONIFACIO Extrême Sud



Resource scarcity:

Water Resource Systems Modeling

Groundwater Exploration

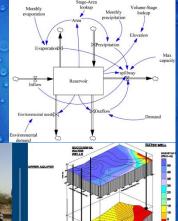
Rainwater Harvesting

Plant Species Selection

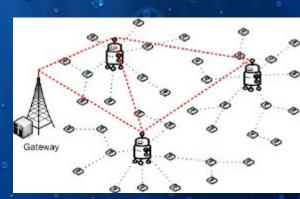
Treated Wastewater Reuse

Organization of a monitoring system.

Wireless Sensor Networks.





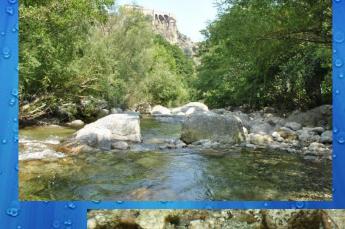


Biodiversity Loss:Water Temperature

Ecological Flows

Riparian Forest

Endemic Species







Infectious and Vector-borne Diseases

Cyanobacteria.







Know Better Do Better:

Water Information and Management System

Innovative Practices and Experimentation

The Potential of Hydroelectric Power









Direction régionale de l'Environnement, de l'Aménagement et du Logement





Organizing for Collective Action: **Local Governance**

Network Knowledge, Information and Sensitization

Sharing knowledge and promoting citizen participation (NGO).

