

Geneva Forum 2017

Harmony With Nature

Rights Of Nature

SUSTAINABLE DEVELOPMENT GOALS

UNSUSTAINABILITY

SUSTAINABILITY

RIGHTS OF NATURE

SUSTAINABLE DEVELOPMENT GOALS

UNSUSTAINABILITY

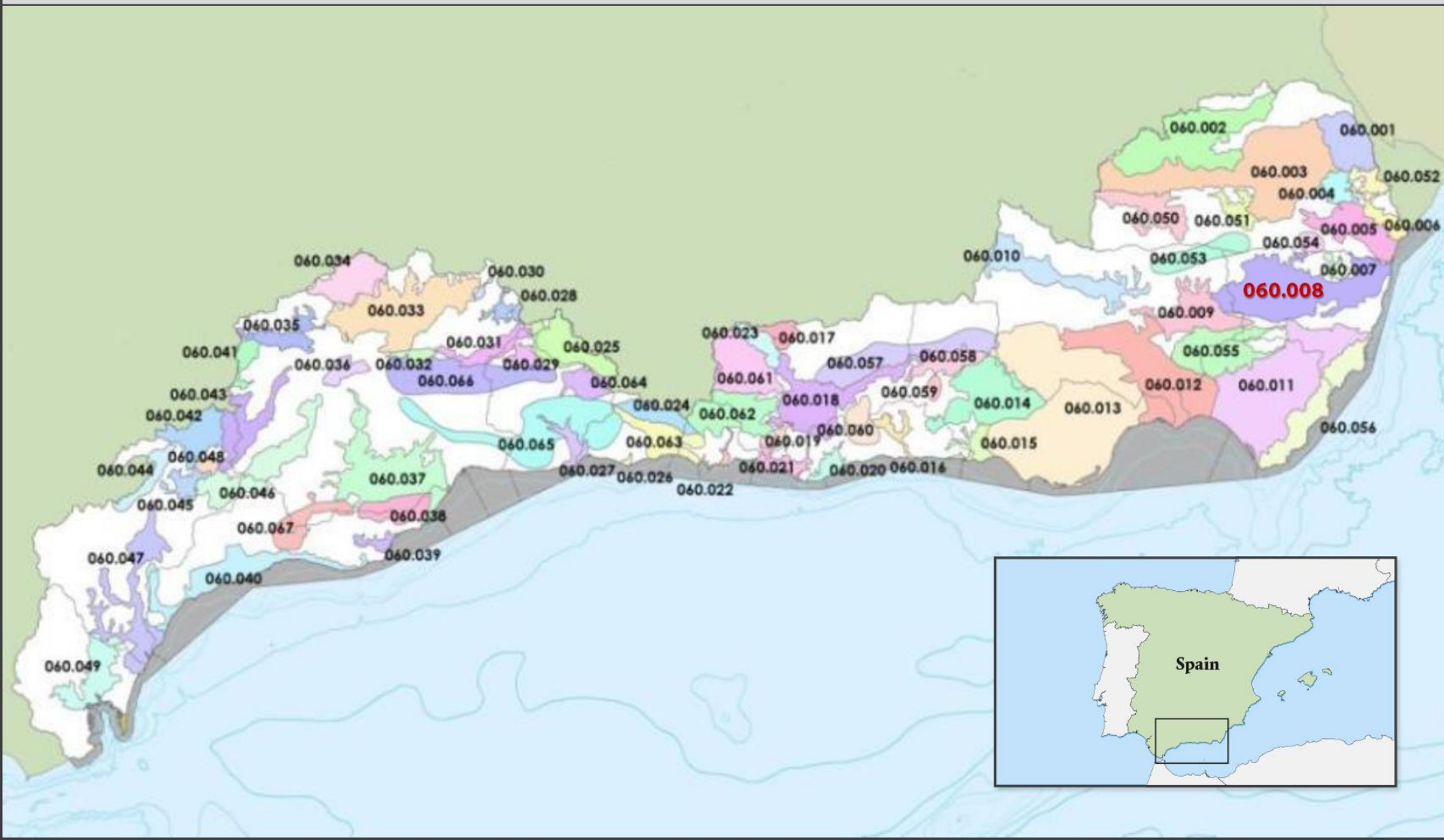
- International Rights of Nature Tribunal
Nov 2017
- Deprivation of Water - Almeria

Map of Spain - Almeria



Map showing the most over-exploited aquifer 060.008

Figura 12. Masas de agua subterránea



The last Oasis in Western Europe – drone clip



Over-exploitation and pollution - table

Tabla 139. Evolución del estado de las masas de agua subterránea

Código masa	Nombre masa	Estado cuantitativo 2009/15	Estado químico 2009/15	Estado cuantitativo 2015/21	Estado químico 2015/21
060.001	Cubeta de El Saltador	Mal estado	Mal estado	Mal estado	Mal estado
060.002	Sierra de las Estancias	Mal estado	Buen estado	Mal estado	Buen estado
060.003	Alto-Medio Almanzora	Mal estado	Mal estado	Mal estado	Mal estado
060.004	Cubeta de Overa	Mal estado	Mal estado	Mal estado	Mal estado
060.005	Cubeta de Ballabona-Sierra Lisbona-Río Antas	Mal estado	Mal estado	Mal estado	Mal estado
060.006	Bajo Almanzora	Mal estado	Mal estado	Mal estado	Mal estado
060.007	Bédar-Alcornia	Mal estado	Mal estado	Mal estado	Mal estado
060.008	Aguas	Mal estado	Mal estado	Mal estado	Mal estado
060.009	Campo de Tabernas	Mal estado	Mal estado	Mal estado	Mal estado
060.010	Cuenca del Río Nacimiento	Mal estado	Buen estado	Buen estado	Buen estado

Millions of super intensive olive plantations - drone clip



DHCMA Actual overexploitation 2015

Tabla 78. Sobreexplotación en la situación actual				
Código	Nombre de la masa	Explotación (hm ³ /año)	Recurso disponible (hm ³ /año)	Índice de explotación
060.008	Aguas (V-1)	3.573	15.067	4.217
060.034	Fuente de Piedra (I-5)	3.060	11.380	3.719
060.001	Cubeta de El Saltador (V-2)	2.550	6.379	2.502
060.038	Sierra de Mijas (I-3)	13.494	27.320	2.025
060.013	Campo de Dalías-Sierra de Gádor (III-4)	80.985	146.426	1.808
060.007	Bédar-Alcornia (V-1)	2.250	3.901	1.734
060.005	Cubeta de Ballabona-Sierra Lisbona-Río Antas (V-2)	1.984	3.320	1.674

Water Truck - drone clip



Damage to land – video clip

La Hoya



International Rights of Nature Tribunal Judgement

The Almeria waters case:

This case illustrates the consequences of treating water as a commodity that can be monopolised by the wealthy instead of recognising water as a vital source of life, which must be respected and afforded the highest level of protection.

Although this case focussed on the Almeria area of Spain, it is an example of what is happening in many areas of the world, and the principles are universal.

ULTIMA FIGURA



SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABILITY

“El Oro Del Desierto”

Commercial Olive Farm





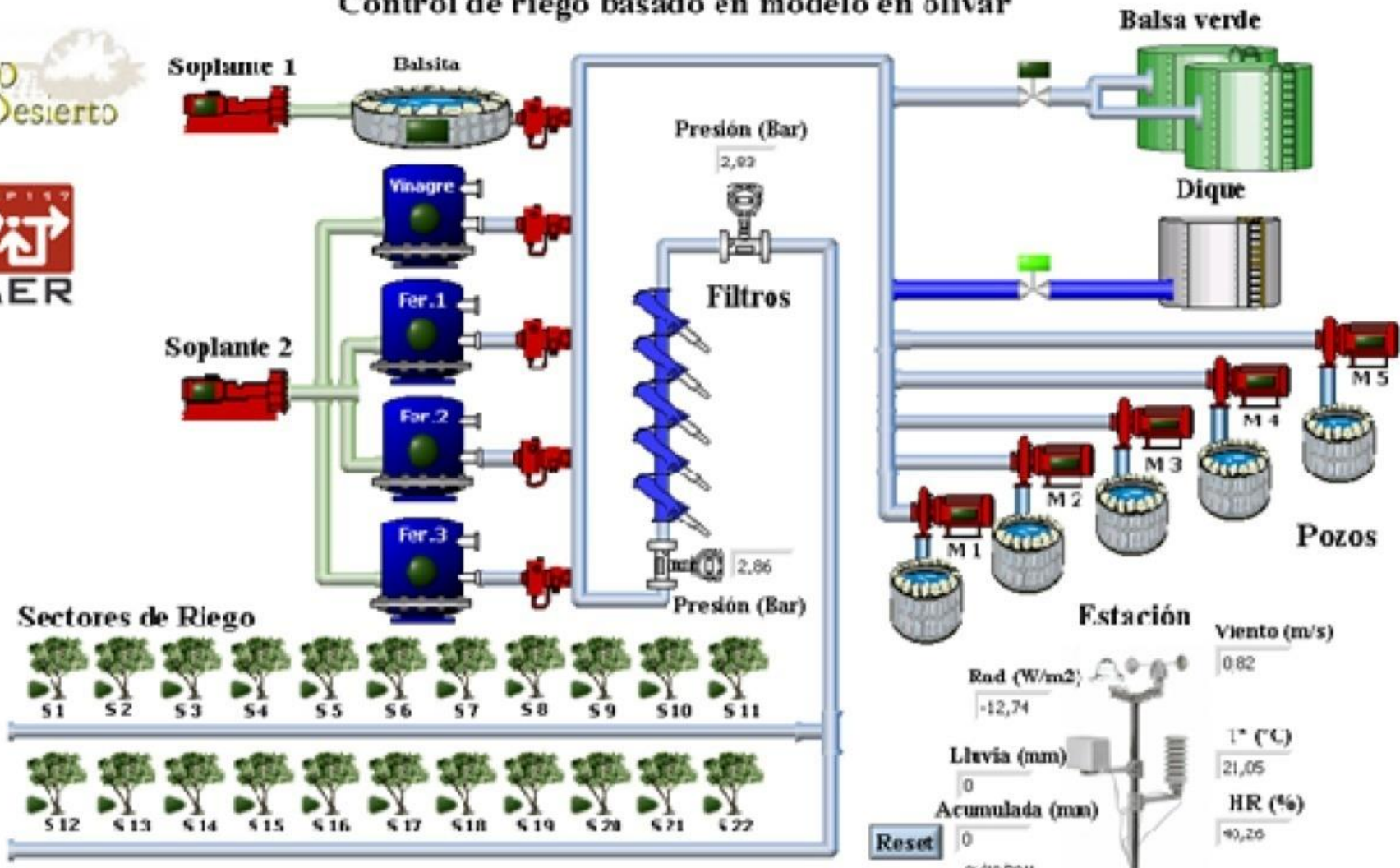


Agencia de Innovación y Desarrollo de Andalucía IDEA
CONSEJERÍA DE ECONOMÍA, INNOVACIÓN Y CIENCIA



UNIVERSIDAD DE ALMERÍA

Control de riego basado en modelo en olivar





100% Solar Energy





This Farm is an example of
A working Philosophy in
Harmony with Nature

Rights of Nature

How to create Rights

Municipal Ordinances

Draft Ordinance for Sorbas

Personhood for Nature

“Articles” from The Draft Ordinance

- (d) Rights of Natural Communities and Ecosystems. Natural communities and ecosystems within Sorbas, including but not limited to, rivers, streams, and aquifers, possess the right to exist, flourish, regenerate, and naturally evolve
- (e) Right to Water. All residents, natural communities, and ecosystems in Sorbas possess a fundamental and inalienable right to the sustainable access, use, consumption, and preservation of water drawn from natural water cycles that provide water necessary to sustain life. The right to water includes, but is not limited to, the right to be free from corporate water withdrawals.

Draft Ordinance “Personhood”

- *(d) Rights of Natural Communities and Ecosystems.*
- Natural communities and ecosystems within Sorbas, including but not limited to, rivers, streams, and aquifers, possess the right to exist, flourish, regenerate, and naturally evolve.

THANK YOU