

Rome - ISPRA
January 26th 2010
Meeting of the Italian
Regions / Env. Agencies

From Grado
to Agadir:
the next 20 years
Agadir - MOROCCO
6 - 8 February 2012

MedWet-WIS (Web Information System)
helps in creating the
Italian National Wetland Inventory

If a tool makes possible a national cooperation among Experts and Administrations towards the same goal it has a high chance to be a good tool. This wide cooperation among different personalities is the most amazing output of this first two years period of work with the WIS and, we believe, this success descends from geographically subdivided expertises, knowledge and responsibilities of the information provided. Italy is subdivided in twenty Administrative Regions and 14/20 regional staffs have fulfilled the requested fields of information of this web based MedWet tool.

Italian Region	"Panmediterranean" sheet										other sheets of the file Panmed												
	Site Code	catchment code	coordinates	surface	general description	category	salinity	water regime	data source	conservation status	property	cult. and social value	economic value	Protection status	Human activities	Impacts	MedWet Habitat Code	Ramsar type	Ramsar Criteria	Wetland values	Fauna	Flora	
1 Abruzzo	28	19	28	28	28	28	28							28									
2 Basilicata	35	35	35	35	35	35	35									11	25	8			9	10	11
3 Bolzano P.A.	17	17	17	17	17	17	17	17	17	17	17	17	17	17									
4 Emilia R.	140	140	140	140	140	140	140	140	140	140	140	140	140	140									
5 Friuli V.G.	35	35	35	35	35	35	35	35	35	35	35	35	35	35							35	34	23
6 Lazio	80	80	80	80	80	80	80	80	80	80	80	80	80	80									
7 Marche	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
8 Molise	49	49	49	49	49	49	49	49	49	49	49	49	49	49									
9 Piemonte	81	81	81	81	81	81	81																
10 Puglia	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282	282
11 Sardegna	134	134	134	131	134	65	89	134						134									134
12 Sicilia	185	185	185		185	62	90	185						185									
13 Toscana	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
14 Umbria	25	25	25	25	25	25	25	25	25	25	25	25	25	25									24
TOTAL	1170	12	14	12	7	12	10	9	6	6	2	4	3	9	3	3	3	3	4	2	4	2	6

This project starts behind, on the occasion of the MedWet COM_8, held in Rome in 2007, when the National Environmental Agency (ISPRA) considered the opportunity to utilise the WIS as a method to update the existing national inventories of wetlands (year 2003 = 850 sites). The Italian Environment Ministry also endorsed the activity, inviting the Regional Authorities to take part in this long lasting effort supported by ARPAT and EKVVY (members of the MedWet Scientific & Technical Team) and expertise by AUTH (the developer of the WIS inside the MedWet/CODDE project).

At the present more than 60 public administrations (Regions, ARPAs, Provinces, Protected Areas, National Forestry, River Basin Authorities, Regional Parks), NGO, Universities and Research Institutes (ENEA, CRA, ISS...) are involved in the project as expert data providers.

Furthermore ISPRA promoted in this context the integration of the conservation tools of Ramsar and CBD Conventions with those of Habitat and Bird Directives, WFD, and the Marine Strategy Framework Directive (see left hand table).

The Italian Inventory of Wetlands has since today collected 1511 sites, 1170 are stored in the batchinput WIS files which 13 Regions and 1 Province have compiled through their technicians and expert advisors, 341 derive from former national inventories.

WIS Indicators Modules	Typology of Data	Source of the data	Compatibility	Timing
Status & trends of wetlands	changes of the surface in the Ramsar areas or in the wetland habitat	PMWV (General Data, Habitat Data) Natura 2000 data bank	good	indefinite every 6 years
Trends of water bodies ecological quality	ECOS trends and ecological status indicators	WFD-WISE (Water Information System for Europe)	good	every 3 or 6 years
Trends of threats	timing, scope, severity & trend of threats	PMWV (Impacts) Natura 2000 data bank WFD-WISE (Water Information System for Europe)	poor	indefinite every 6 years every 5 years
Status & trends of waterbird populations	changes of population size, number of nesting pairs (trends at site and basin level)	Natura 2000 data bank (Bird Directive)	good	every 6 years
Ramsar sites coverage of wetland areas	trend of Ramsar sites area vs total area of wetlands	PMWV (General Data, Habitat Data) EDV	good	indefinite

Legend
 ramсар_centroide
 Centroide
 nd
 Categoria
 Artificial
 Inland
 Marine/Coastal
 Province

Foto sul Lago di Massaciuccoli - Mario Cenni 2009

7 added values of the Italian WIS National Project

- utilizing the WIS means to have a direct knowledge of the territory
- WIS puts together, and focuses on the same argument, the attention of technicians with very different skills and jobs
- each participating regional actor felt responsibility for the data provided
- data tied to their providers
- no additional costs to fulfill the project and great increase of exchanges among the Regions
- awareness of a central common endorsement of the project
- arisen national cooperation on wetland conservation

WIS website
<http://www.wetlandwis.net>
 Italian Project website
<http://sgi2.isprambiente.it/zoneumide/#>

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