RIPFLOW TEAM FROM PORTUGAL

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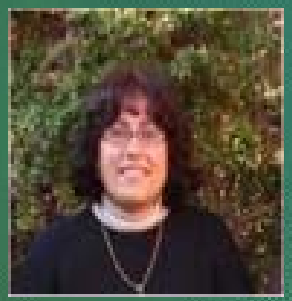
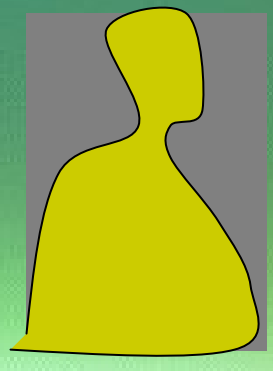


Maria Teresa Ferreira, biologist, professor of freshwater ecology and aquatic management

António N. Pinheiro, hydraulic eng., professor of hydraulics

Patrícia Rodriguez-Gonzalez, forest eng., PhD, post-doc, ecology of wetland and riparian woods

António Albuquerque, forest eng., field support



Contract researcher or PhD student, profile yet to be defined

Aspects of Applied Biology 58, 2000
Vegetation Management in Changing Landscapes

Riparian types on a Mediterranean basin

By F C AGUIAR, M T FERREIRA, I S MOREIRA and A ALBUQUERQUE

Forestry Department, Instituto Superior de Agronomia, Tapada da Ajuda, 1349-017, Lisboa, Portugal

Arch. Hydrobiol. 155 1 121–145 Stuttgart, August 2002

Assessing reference sites and ecological quality of river plant assemblages from an Iberian basin using a multivariate approach

M. T. Ferreira[1], A. Albuquerque[1], F. C. Aguiar[1] and N. Sidorkewicz[2]

- River vegetation types and distribution patterns: woody and herbaceous
- Vegetation benchmarks for quality assessment and restoration
- Assessment of ecological integrity using multivariate and multimetric tools

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Ecological Indicators 5 (2005) 137–149

ECOLOGICAL INDICATORS

This article is also available online at:
www.elsevier.com/locate/ecolind

Assessing biotic integrity in Iberian rivers: Development of a multimetric plant index

M.T. Ferreira *, P.M. Rodríguez-González, F.C. Aguiar, A. Albuquerque

Departamento de Engenharia Florestal, Instituto Superior de Agronomia, Tapada da Ajuda, 1349-017 Lisbon, Portugal

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 ISSN: 0213-8409

Riparian and aquatic vegetation in Mediterranean-type streams (western Iberia)

M. Teresa Ferreira & Francisca C. Aguiar

Plant Ecology (2006) 184:189–202
DOI 10.1007/s11258-005-9064-5

Patterns of exotic and native plant species richness and cover along a semi-arid Iberian river and across its floodplain

Francisca C. Aguiar*, Maria Teresa Ferreira and António Albuquerque
*Departamento de Engenharia Florestal, Instituto Superior de Agronomia, Tapada da Ajuda, 1349-017 Lisboa, Portugal; *Author for correspondence (e-mail: fraguiar@isa.utl.pt; phone: +351-21-3653487; fax: +351-21-3645000)*

- Invasive plants in river corridors and their profiles of biological attributes
- Invasiveness in reference and non-reference sites
- Environmental drivers of invasion

AQUATIC CONSERVATION: MARINE AND FRESHWATER ECOSYSTEMS
Aquatic Conserv: Mar. Freshw. Ecosyst. 17: 335–347 (2007)
Published online 14 July 2006 in Wiley InterScience
(www.interscience.wiley.com) DOI: 10.1002/aqc.776

Alien and endemic flora at reference and non-reference sites in Mediterranean-type streams in Portugal

FRANCISCA C. AGUIAR*, M. TERESA FERREIRA, ANTÓNIO ALBUQUERQUE and ILÍDIO MOREIRA
Instituto Superior de Agronomia (Institute of Agronomy), Departamento de Engenharia Florestal, Tapada da Ajuda, Lisbon, Portugal

Hydrobiologia (2006) 570:3–9
J.M. Caffrey, A. Dutartre, J. Haury, K.J. Murphy & P.M. Wade (eds), Macrophytes in Aquatic Ecosystems: From Biology to Management
DOI 10.1007/s10750-006-0155-7

Invasive river plants from Portuguese floodplains: What can species attributes tell us?

I. Bernez[1,2,*], F. Aguiar[2], C. Violle[3] & T. Ferreira[2]
[1]*UMR EQHC INRA-Agrocampus Rennes, 65, rue de Saint-Brieuc, C S 84215, 35042 Rennes, Cedex, France*
[2]*Departamento de Engenharia Florestal, Instituto Superior de Agronomia, Tapada da Ajuda, 1349-017 Lisboa, Portugal*
[3]*CNRS/Centre d'Ecologie Fonctionnelle et Evolutive, 1919 Route de Mende, 34293 Montpellier, Cedex 5, France*
*(*Author for correspondence: E-mail: Ivan.Bernez@agrocampus-rennes.fr)*

RIVER RESEARCH AND APPLICATIONS
River Res. Applic. **20**: 43–59 (2004)
Published online 10 December 2003 in Wiley InterScience
(www.interscience.wiley.com). DOI: 10.1002/rra.718

COMBINED EFFECTS OF ENVIRONMENTAL FACTORS AND REGULATION ON MACROPHYTE VEGETATION ALONG THREE RIVERS IN WESTERN FRANCE

IVAN BERNEZ,[a,b]* HERVÉ DANIEL,[c] JACQUES HAURY[b] and MARIA TERESA FERREIRA[a]

[a] *Forestry Department, ISA-UTL, Tapada da Ajuda, 1349-017 Lisboa Codex, Portugal*
[b] *UMR EQHC, ENSAR-INRA, 65 rue de Saint Brieuc, 35 042 Rennes Cedex, France*
[c] *UMR SAGAH INRA-INH-Université Angers, 2 rue Le Nôtre, 49045 Angers Cedex 01, France*

REGULATED RIVERS: RESEARCH & MANAGEMENT
Regul. Rivers: Res. Mgmt. **17**: 509–526 (2001)
DOI: 10.1002/rrr.642

EXOTIC AND NATIVE VEGETATION ESTABLISHMENT FOLLOWING CHANNELIZATION OF A WESTERN IBERIAN RIVER

F.C. AGUIAR[a,*], M.T. FERREIRA[a] AND I. MOREIRA[b]

[a] *Departamento de Engenharia Florestal, Instituto Superior de Agronomia, Tapada da Ajuda, 1349-017 Lisboa, Portugal*
[b] *Departamento de Protecção das Plantas e Fitoecologia, Instituto Superior de Agronomia, Tapada da Ajuda, 1349-017 Lisboa, Portugal*

- Response of riparian vegetation to regulation
- Response of riparian vegetation to channelisation

River Flow 2006 – Ferreira, Alves, Leal & Cardoso (eds)

Evaluation of environmental impacts resulting from river regulation works: A case study from Portugal

A.E. Barbosa & E. Alves
Portuguese National Laboratory for Civil Engineering (LNEC), Department of Hydraulics and Environment

R.M.V. Cortes
University of Trás-os-Montes and Alto Douro (UTAD), Forestry Department

P. M. Silva-Santos
University of Trás-os-Montes and Alto Douro (UTAD), Laboratory of Applied Ecology

F. Aguiar & T. Ferreira
Technical University of Lisbon, Higher Institute of Agronomy (ISA)

Journal of Biogeography (J. Biogeogr.) (2008) 35, 1498–1511

ORIGINAL ARTICLE

Spatial variation of wetland woods in the latitudinal transition to arid regions: a multiscale approach

Patricia María Rodríguez-González[1]*, Maria Teresa Ferreira[1], António Albuquerque[1], Dalila Espírito Santo[2] and Pablo Ramil Rego[3]

- Wetland wood types along all the western Iberian Atlantic coast
- Structural characteristics within stands
- Multi-scale environmental factors determining vegetation and structure

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Forest Ecology and Management 203 (2004) 261–272

Forest Ecology and Management

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Northern Ibero-Atlantic wetland woods Vegetation types and within-stand structure

Patricia M. Rodríguez-González[a,*], M. Teresa Ferreira[a], Pablo Ramil Rego[b]

[a]*Departamento de Engenharia Florestal, Instituto Superior de Agronomia, Universidade Tecnica de Lisboa, Tapada da Ajuda, Lisbon 1349-017, Portugal*
[b]*Departamento de Botánica, Escola Politécnica Superior de Lugo, Lugo 27002, Spain*

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Environmental Conservation 32 (1): 30–41 © 2005 Foundation for Environmental Conservation doi:10.1017/S0376892905001992

Human-disturbed landscapes: effects on composition and integrity of riparian woody vegetation in the Tagus River basin, Portugal

FRANCISCA C. AGUIAR* AND MARIA TERESA FERREIRA
Instituto Superior de Agronomia, Departamento de Engenharia Florestal, Tapada da Ajuda, 1349-017 Lisbon, Portugal
Date submitted: 12 May 2004 Date accepted: 7 February 2005

- Influence of different types of land use on riparian woods
- Human-related influence close to the river corridor vs. in the river valley
- Changes in riparian integrity in 75 years in relation to changes of land use

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Forest Ecology and Management 212 (2005) 145–159

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Changes in riparian woods over space and time: Influence of environment and land use

M. Teresa Ferreira *, Francisca C. Aguiar, Carla Nogueira

Instituto Superior de Agronomia, Departamento de Engenharia Florestal, Tapada da Ajuda, 1349-017 Lisbon, Portugal

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J. N. Am. Benthol. Soc., 2002, 21(1):43–53
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Relative influence of environmental variables on macroinvertebrate assemblages from an Iberian basin

F. C. Aguiar and M. T. Ferreira[1]

Departamento de Engenharia Florestal, Instituto Superior de Agronomia, Universidade Técnica de Lisboa, Tapada da Ajuda, 1349-017 Lisboa, Portugal

P. Pinto

Departamento de Biologia da Universidade de Évora, Largo dos Colegiais, Apartado 94, 7001 Évora, Portugal

- Relative influence of riparian and environmental variables on stream functioning
- Organic matter processing
- Tree foliar isotope signatures

Limnetica, 27 (1): 93-106 (2008)
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AIL

Leaf litter decomposition in western Iberian forested wetlands: lentic *versus* lotic response

Ana Sampaio [1,*], Patricia Rodríguez-González [2], Simone Varandas [3], Rui Manuel Cortes [3] and Maria Teresa Ferreira [2]

Verh. Internat. Verein. Limnol.
2008, vol. **30**, Part **3**, p. 391–394, Stuttgart, July 2008

Tree foliar $\delta^{15}N$ and $\delta^{13}C$ signatures in Ibero Atlantic forested wetlands

P.M. Rodríguez-González, J.S. Pereira and M.T. Ferreira

Riparian restoration

Breeding techniques for NINE riparian species

Experimental planting of riparian trees

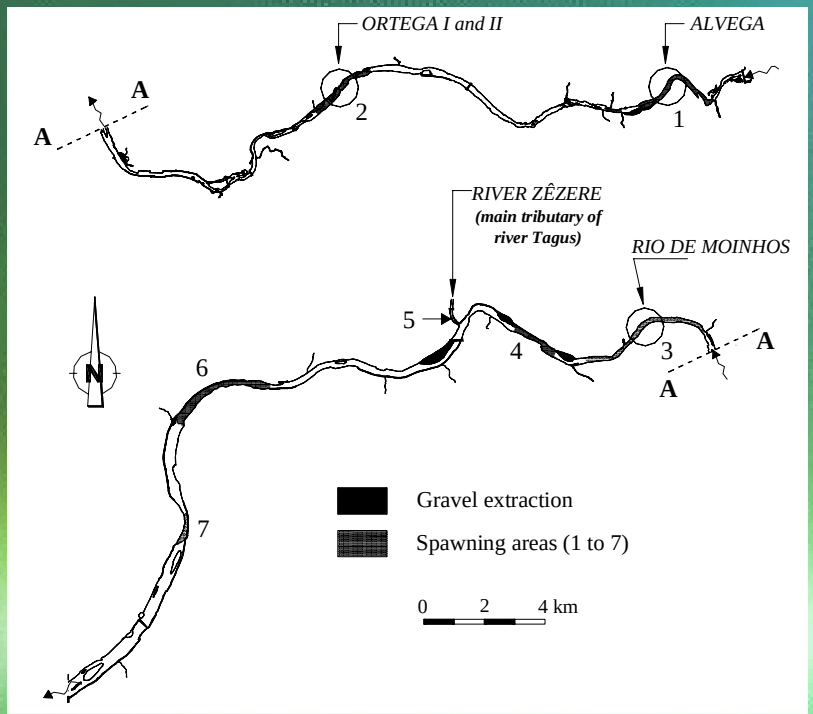
Planning habitat restoration

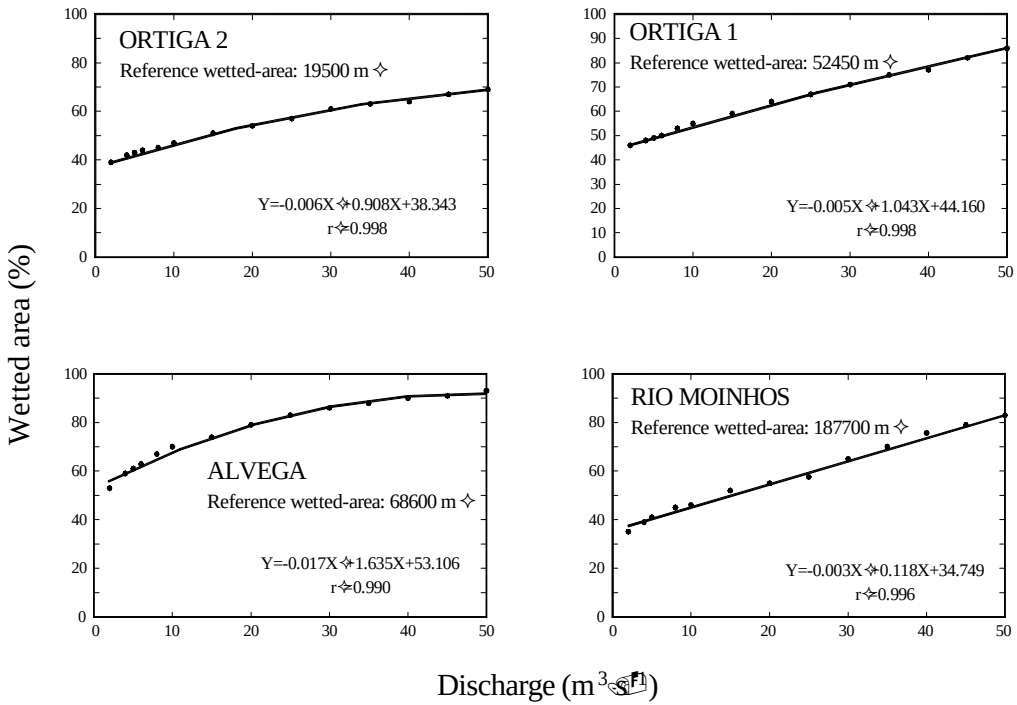
1D modeling of fish habitat

A simple method for assessing minimum flows in regulated rivers: the case of sea lamprey reproduction.

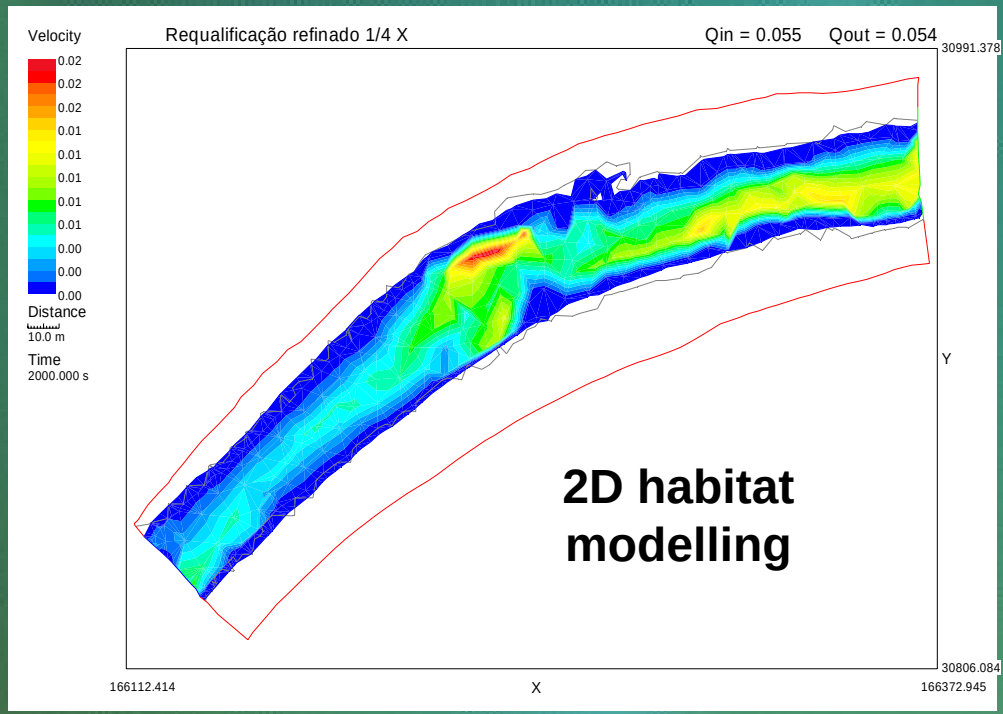
J. M. OLIVEIRA, M. T. FERREIRA, A. N. PINHEIRO and J. H.BOCHECHAS.

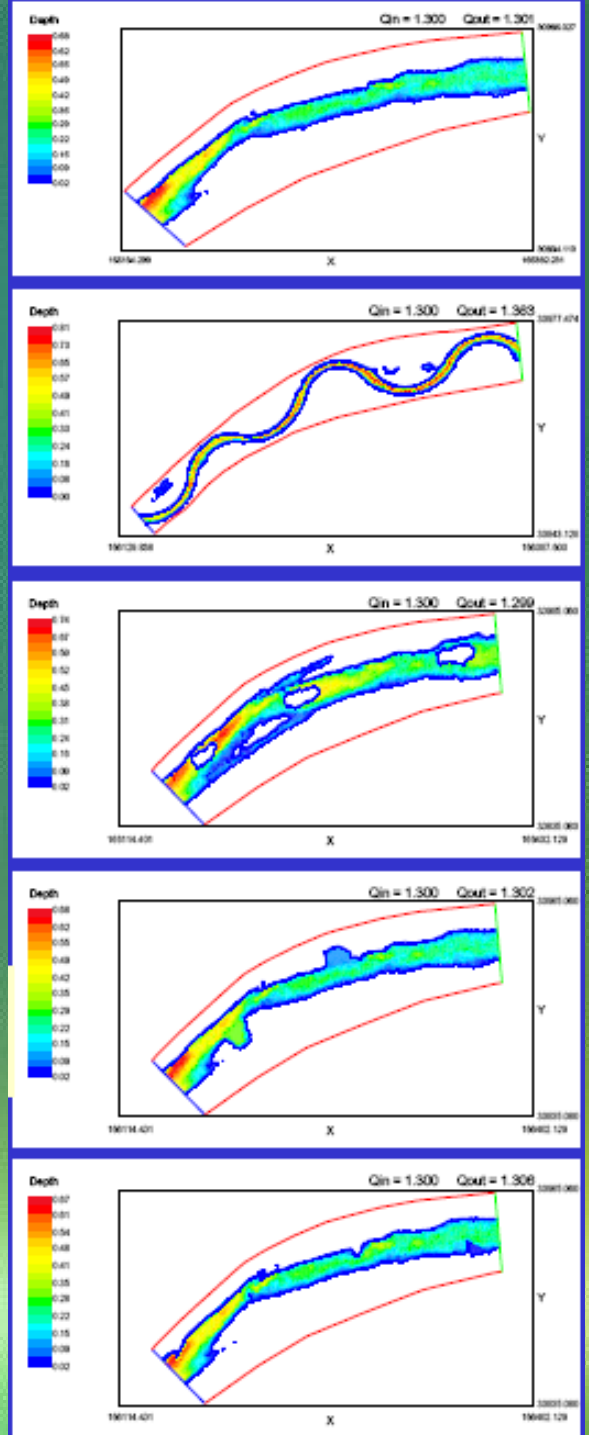
AQUATIC CONSERVATION: MARINE AND FRESHWATER ECOSYSTEMS14: 481–489





2D modeling of fish habitat





ECRR

4th ECRR Conference on River Restoration
Italy, Venice S. Servolo Island
16-21 June 2008

Using a two dimensional approach to evaluate channel rehabilitation in a Mediterranean stream (Southern Portugal)

Boavida I., Santos J., Lourenço J, Cortes R., Ferreira T., Pinheiro A.