



Global International Waters Assessment



Patagonian Shelf

GIWA Regional assessment 38

Mugetti, A., Brieva, C., Giangiobbe, S., Gallicchio, E., Pacheco, F., Pagani, A., Calcagno, A., González, S., Natale, O., Faure, M., Rafaelli, S., Magnani, C., Moyano, M.C., Seoane, R. and I. Enriquez

Global International Waters Assessment

Regional assessments

Global International Waters Assessment

Regional assessment 38 Patagonian Shelf



GIWA report production

Series editor: Ulla Li Zweifel

Report editors: David Souter, George Roman

Editorial assistance: Johanna Egerup, Malin Karlsson

Maps & GIS: Niklas Holmgren

Design & graphics: Joakim Palmqvist

**Global International Waters Assessment
Patagonian Shelf, GIWA Regional assessment 38**

Published by the University of Kalmar on behalf of
United Nations Environment Programme

© 2004 United Nations Environment Programme

ISSN 1651-9403

University of Kalmar
SE-391 82 Kalmar
Sweden

United Nations Environment Programme
PO Box 30552,
Nairobi, Kenya

This publication may be reproduced in whole or in part and in any form for educational or non-profit purposes without special permission from the copyright holder, provided acknowledgement of the source is made. No use of this publication may be made for resale or for any other commercial purpose whatsoever without prior permission in writing from the United Nations Environment Programme.

CITATIONS

When citing this report, please use:

UNEP, 2004. Mugetti, A., Brieva, C., Giangiobbe, S., Gallicchio, E., Pacheco, F., Pagani, A., Calcagno, A., González, S., Natale, O., Faure, M., Rafaelli, S., Magnani, C., Moyano, M.C., Seoane, R. and Enriquez, I. Patagonian Shelf, GIWA Regional assessment 38. University of Kalmar, Kalmar, Sweden.

DISCLAIMER

The views expressed in this publication are those of the authors and do not necessarily reflect those of UNEP. The designations employed and the presentations do not imply the expressions of any opinion whatsoever on the part of UNEP or cooperating agencies concerning the legal status of any country, territory, city or areas or its authority, or concerning the delimitation of its frontiers or boundaries.

This publication has been peer-reviewed and the information herein is believed to be reliable, but the publisher does not warrant its completeness or accuracy.

Printed and bound in Sweden by Sunds Tryck Öland AB.

Contents

Executive summary	9
La Plata River Basin	9
South Atlantic Drainage System	11
Acknowledgements	13
Abbreviations and acronyms	14
Regional definition	18
Boundaries of the Patagonian Shelf region	18
Physical characteristics	19
Socio-economic characteristics	27
Assessment	34
La Plata River Basin	
Freshwater shortage	35
Pollution	40
Habitat and community modification	47
Unsustainable exploitation of fish and other living resources	52
Global change	55
South Atlantic Drainage System	
Freshwater shortage	58
Pollution	61
Habitat and community modification	66
Unsustainable exploitation of fish and other living resources	68
Global change	72
Priority concerns: La Plata River Basin & South Atlantic Drainage System	74
Causal chain analysis	76
Uruguay River Basin upstream of the Salto Grande Dam	
System description	76
Impacts	80
Immediate causes	81
Root causes	82

Buenos Aires Coastal Ecosystem – Argentinean-Uruguayan Common Fishing Zone	
System description	86
Causal model and links	90
Root causes	93
Conclusions	96
Policy options	98
Uruguay River Basin upstream of the Salto Grande Dam	
Definition the of problem	98
Construction of policy options	99
Performance of selected policy options	100
Final considerations	103
Buenos Aires Coastal Ecosystem – Argentinean-Uruguayan Common Fishing Zone	
Definition of the problem	105
Construction of policy options	106
Identification of recommended policy options	108
Performance of selected policy options	109
Conclusions and recommendations	113
La Plata River Basin	113
South Atlantic Drainage System	115
Further research recommended for the Patagonian Shelf region	117
References	118
Annexes	128
Annex I List of contributing authors and organisations involved	128
Annex II Detailed scoring tables	131
Annex III Detailed assessment worksheets for causal chain analysis	139
Annex IV List of important water-related programmes and assessments in the region	152
Annex V List of conventions and specific laws	153
Annex VI Tables	160
<i>The Global International Waters Assessment</i>	<i>i</i>
<i>The GIWA methodology</i>	<i>vii</i>

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_11547

