

CONTENTS

List of contributors [vi]

Introduction [vii]

MICHAEL H. GLANTZ

- 1 Sustainable development and creeping environmental problems in the Aral Sea region [1]
MICHAEL H. GLANTZ
- 2 Ecological disaster linked to landscape composition changes in the Aral Sea basin [26]
ELISABETH A. VOSTOKOVA
- 3 Alteration of water level and salinity of the Aral Sea [47]
VITALYI N. BORTNIK
- 4 Desertification in the Aral Sea region [66]
ASOMITDIN A. RAFIKOV
- 5 Climate fluctuations and change in the Aral Sea basin within the last 50 years [86]
ALEXANDER N. ZOLOTOKRYLIN
- 6 Priaralye ecosystems and creeping environmental changes in the Aral Sea [100]
NINA M. NOVIKOVA
- 7 Public health in the Aral Sea coastal region and the dynamics of changes in the ecological situation [128]
LEONID I. ELPINER
- 8 The impact of political ideology on creeping environmental changes in the Aral Sea basin [157]
IGOR S. ZONN
- 9 Change of the rivers' flow in the Aral Sea basin (in connection with the problem of quantitative assessment and consideration of environmental after-effects) [191]
K.V. TSYTSENKO AND V. V. SUMAROKOVA
- 10 Fish population as an ecosystem component and economic object in the Aral Sea basin [204]
ILIYA ZHOLDASOVA
- 11 Creeping environmental changes in the Karakum Canal's zone of impact [225]
NIKOLAI S. ORLOVSKY
- 12 Environmental changes in the Uzbek part of the Aral Sea basin [245]
ANATOLY N. KRUTOV
- 13 Creeping changes in biological communities in the Aral Sea [261]
NIKOLAI V. ALADIN

Index [283]