

## The UNESCO World Heritage Committee and Ohrid region destruction: a saga of deception

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SUSTAINABLE DEVELOPMENT

## We support the Sustainable Development Goals

## Results



Wastewater system not maintained and not fully operational (2019-left and 2020-right)

#### **Threats**

- Urbanization Massive legal and illegal construction
- Planned railway and road development
- Tourism industry
- Overfishing
- Unsuitable agricultural practices
- Off-road vehicles in national parks
- Wastewater inflows
- Hydropower dams
- Solid waste non-management
- Heavy metals Fires/Erosion/Logging
- Climate change

Boat traffic

### Consequences

- Pollution (gradient north to south)
- Bird & fish population downfall

Overfishing.

letnica) trapped in

a net (2021). The

endemic fish as a

delicacy (right)

Endemic

- Local extinctions and probable absolute extinctions
- Min. 40 threatened endemic species
- Eutrophication
- Accelerated habitat loss and deterioration

Ohrid

(Salmo

- Beach closures & reduced fishing catch
- Photic zone shrinking since 1920s
- 80%+ wetlands lost since WW2



Massive construction, both legal and illegal, despite RMM recommendation 6

#### Scientific evidence

2019

"Urgent need to protect

the water quality of the

Lake and maintain its

oligotrophic ecological

function; to tackle tourism

and associated legal and

illegal development and

development on habitats

and species throughout

the property, including on

the lake shores".

impacts

- Lake Ohrid has aged by thousands of years due to eutrophication (Avramoski et al., 2003)
- Eutrophication pressures will combine with global warming to create in-lake dead zones by end of century (Matzinger et
- The combination of threats may be leading to a "creeping biodiversity crisis" in the Ohrid region (Kostoski et al., 2010)
- Untreated wastewater is entering Lake Ohrid up to 100 times per year (Japan International Cooperation Agency, 2012)



**Dumpsites** at multiple locations despite 2017 RMM recommendation 16 (2020)



Studenchishte marsh is the last remaining wetland along the lake's shore. In 2020, Zones of Strict Protection and Active Management reduced to just 34% of the yet-to-be designated Studenchishte Marsh protected area, down from 57% suggested in 2012.



Plan for a 400-boat marina with parking for 1,000 vehicles

(2019)

## UNESCO/ICOMOS/ **IUCN Monitoring**

1998

"Now, the enormous increase constructions and settlement activities has seriously altered the original balance the region. Economic demographic developments pose

### Decision: 40 COM 7B.68 WHC requests the State Party to:

- submit a report on the state of conservation of the property and on the steps taken to implement the recommendations, with a view to considering, the possible inscription of the property on the List of World Heritage in Danger.

- invite a joint World Heritage Centre/ICOMOS/IUCN Reactive Monitoring mission

# **Reactive Monitoring mission**

"Main threats to the integrity of the property: uncoordinated urban development, increasing population, inadequate treatment of wastewater biodiversity and natural beauty of there is alarming evidence of a growth in nutrients threatening the oligotrophic ecology of the Lake".

WH in Danger listing

#### Joint ICOMOS/IUCN 43rd Session of WHC in Baku **Advisory mission**

Advisory bodies ICOMOS and IUCN both recommend Ohrid Region to be danger listed

2019

- Draft WHC Decision suggests placing Ohrid Region on List of World Heritage in Danger
- Draft decision not adopted

**Ohrid Region IS NOT placed on** the list of WH sites in danger

#### WH Centre/ICOMOS/IUCN **Reactive Monitoring** mission

2020

"The progress made has not been commensurate with the scope and extent of the many threats facing the OUV of the property, nor does it capture the urgency of the situation.

Committee inscribe the property on the List of World Heritage in Danger".

### 44th Session of WHC in Fuzhou

- Draft WHC Decision suggests placing Ohrid Region on List of World Heritage in Danger
- Draft decision not adopted
- Requests the States Parties to submit a report to the World Heritage Centre, by 1 Feb 2022

**Ohrid Region IS NOT placed on** 

### **Selected relevant UNESCO actions - timeline**

# mission

threats to the values of the site"

# WH Centre/ICOMOS/IUCN

2017

and solid waste, and tourism pressure. The highly endemic the Lake are particularly vulnerable to changes in water quality, and

# 19 recommendations to avoid

It is therefore strongly recommended that the

the list of WH sites in danger

References (1) Albrecht, C. & Wilke, T. (2008) Hydrobiologia 615: 103. (2) Matzinger, A. et al (2017). Limnology, Oceanography 52 (1). (3) Kostoski, G. et al (2010). Biogeosciences, 7, 3999-4015. (4) Schneider, SC et al (2014). Limnologica, 44, 2014, 90-97. (5) UNESCO World Heritage Centre, ICOMOS, IUCN (1998) State of Conservation for the Natural and Cultural Heritage Centre, Paris, France. (6) UNESCO World Heritage Centre. Examination of nominations and minor modifications to the boundaries of naturel, mixed and cultural properties to the World Heritage List - Natural and Cultural Heritage of the Ohrid Region. Decision 32 COM 8B.49. (7) UNESCO World Heritage Centre. State of Conservation. Natural and Cultural Heritage of the Ohrid region (Albania, North Macedonia).

WLC18-0100B

Lake Ohrid, one of the oldest lakes in the world

shared between N. Macedonia and Albania displays

more biodiversity by surface area than any other

inland water body. The Macedonian side of the Ohrid

region attained UNESCO World Heritage Site (WHS)

status for its natural (criterion vii) and cultural (criteria i,

iii, and iv) attributes in 1979 and 1980, respectively.

Site boundaries extended to Albania in 2019.

Introduction

AIM

The objective of the present study is to review the World Heritage Committee (WHC) Decisions and recommendations over the last two decades as well as the conservation shortfalls of the site.

## **Conclusions**

Given the existence of multiple expert advisory body opinions, copious peer-reviewed material and civil sector reports, WHC's choice to avoid placing Ohrid region on the list of WHS in Danger (twice, in 2019 and 2021), can only be conceived as a result of political considerations and/or incompetence.