# IUCN SSC Salmonid Specialist Group



2020 Report



Peter S. Rand

## Chair

Peter S. Rand (1)

#### **Red List Authority Coordinator**

Steven Weiss (2)

#### Location/Affiliation

(1) Prince William Sound Science Center,Cordova, Alaska, US(2) University of Graz, Austria

#### **Number of members**

12



#### **Mission statement**

The mission of the IUCN Salmonid Specialist Group (SSG) is to assess status and act to conserve wild salmonids throughout their native range.

# Projected impact for the 2017-2020 quadrennium

Our work is focused on assessing fishes in the salmon family that have received scant attention in the past, particularly in Asia, and our actions and outreach work highlight the importance of protecting critical habitat and maintaining migratory linkages between marine and freshwater ecosystems. Our work helps promote fishing practices that minimize impact on threatened salmonids.

# Targets for the 2017-2020 quadrennium

# Assess

Red List: assess Red List status of salmonids from North America and Russia.

Research activities: produce a scientific publication on migration behaviour of a Critically Endangered salmonid in Japan.

#### Δct

Conservation actions: (1) review progress on river restoration at Shiretoko Natural World Heritage Site, Japan; (2) help support conservation of African native trout in Morocco.

# Network

Membership: expand membership, particularly in Asia.

# Communicate

Communication: review chapter in 'Status and Conservation of Trout and Char Worldwide'.

# **Activities and results 2020**

#### Assess

#### Red List

i. Thirty-five species are currently undergoing final review for the IUCN Red List and are on track to be submitted to the Red List in 2021. (KSR #1)

# Research activities

i. The following publication has been produced: Fukushima, M. and Rand, P.S. (2021). 'High rates of consecutive spawning and precise homing in Sakhalin taimen (*Parahucho perryi*)'. *Environmental Biology of Fishes* 104:41–52. https://doi.org/10.1007/s10641-021-01052-4 (KSR #43)

#### Act

# Conservation actions

i. We are waiting on the outcome of the latest pending funding proposal to support conservation of African native trout, as the previous one was unsuccessful. (KSR #31)

#### Network

# Membership

i. The group seeks to expand and diversify the group membership, especially recruiting members from Asia, but this activity is running behind schedule and is carried over to the new work plan for 2021–2024.

## **Summary of activities 2020**

Species Conservation Cycle ratio: 3/5

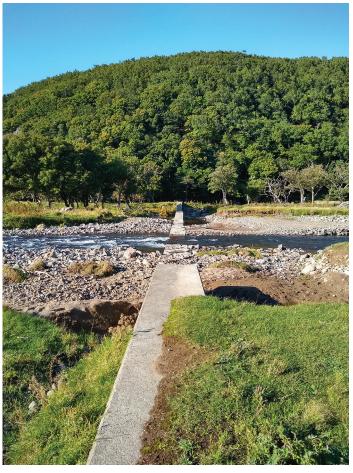
Assess 2 | | |

Act 1 | |

Network 1 | |

Main KSRs addressed: 1, 31, 43

KSR: Key Species Result



Modified dam in Shiretoko Natural WHS, 2019 Photo: Pete Rand





Dam removal in Shiretoko Natural HWS, 2019 Photo: Pete Rand