



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.

Act

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 **II**

Act 1 **I**

Network 1 **I**

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