



Joe Shing Yip Lee

### Chair

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### Number of members

56

### Social networks

Facebook: IUCN Mangrove Specialist Group

Twitter: @IUCN\_Mangrove

Website:

<https://www.zsl.org/iucn-ssc-mangrove-specialist-group>



### Mission statement

No formal mission statement.

### Projected impact for the 2017-2020 quadrennium

Globally, mangrove species and mangrove ecosystems are still under grave threats due to urbanisation and other forms of exploitation. The impact of these threats is potentially exacerbated by global climate change, such as sea level rise. We aim to complete an updated assessment of the approximately 80 species of mangroves within this quadrennium, with particular reference to how these anthropogenic impacts may influence their long-term survivorship. We also expect to contribute significantly to IUCN's new initiative on Red Listing ecosystems. We shall also continue to contribute to the current knowledge base for global mangrove conservation, through organising international workshops and symposia.

### Targets for the 2017-2020 quadrennium

#### Assess

Red List: (1) complete assessment of 80 species of mangroves; (2) participate in the red-listing of significantly threatened ecosystems.

#### Network

Scientific meetings: promote information and experience sharing among Mangrove Specialist Group members.

#### Communicate

Research activities: publication of a special issue on mangrove conservation.

### Activities and results 2019

#### Assess

##### Red List

**i.** Assessment of mangrove species has not yet started. A few online meetings have occurred to discuss the process; we are still organising funding for the red-listing workshop, originally planned to take place in Hong Kong, but the social unrest in 2019 required change of plan. The next Mangrove Specialist Group Symposium-cum- Red-Listing Workshop is now planned to be held in Hong Kong, in August/September 2021. (KSR #2)

**ii.** Red-listing of ecosystems has not yet started. We made an effort to brief members about the red-listing process for ecosystems during the Mangrove Specialist Group workshop in Singapore, in July 2019. (KSR #2)

#### Network

##### Capacity building

**i.** A Mangrove Specialist Group meeting was held as a side event of the 5th International Mangrove Macrofauna and Management Meeting (MMM5) in Singapore (July 2019). (KSR #18)

#### Communicate

##### Communication

**i.** Mangrove Specialist Group web pages were renewed. (KSR #28)

##### Research activities

**i.** The Special Issue coming out of the 2017 workshop in Bremen is already published in *Estuarine, Coastal and Shelf Science*. Entitled 'Turning the tides on mangroves: Knowledge-based conservation, rehabilitation and sustainable use of mangroves', the Special Issue contains 18 papers on various aspects of mangrove biology, ecology and conservation. (KSR #32)

*Merope angulata* flower and fruit,  
Singapore  
Photo: John Yong



IUCN Critically Endangered *Bruguiera hainesii*,  
individual flower, Pulau Manukan  
Photo: John Yong

### Summary of activities 2019

Components of Species Conservation Cycle: 3/5

Assess **2** ||

Network **1** |

Communicate **2** ||

Main KSRs addressed: 2, 18, 28, 32

KSR: Key Species Result



MSG workshop in Singapore, July 2019.  
Dr Tom Worthington was giving a presentation  
on a proposed approach to the red-listing  
of mangrove ecosystems  
Photo: S. Y. Lee