

Conservation Needs for Amphibians and Reptiles

During the WCH9, we proposed to write a collaborative opinion piece calling to act upon the massive body of evidence that points to the main causes of the decline of herpetofauna worldwide. We thought of taking advantage of such a large meeting of experts at WCH9 to push forward a call to action backed with the evidence and expertise that we collectively harness. As we have stated in our initial meeting, we are looking to get attention for the broader and root causes of the declines of the species and ecosystems we work with, targeting decision-makers with a clear message: Things need to change. Again, we thank you all for your interest in being a part of this and for the time spent in the process of answering this form and any further involvement you decide to take in the process.

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*Required

Personal information

We would like to know a bit more about you and your areas of expertise. If you are working with more than one taxon or a specific geographical area, please specify it in the following section, but for the rest of the survey we would like you to focus mainly on the ONE taxon that you believe is having the WORST time.

(In case we need additional information on areas of expertise or taxa underrepresented in the survey, we will likely reach out to you if you are working with those groups/in those areas as well.)

Surname, Given name *

Your answer

Email address *

Your answer

Country of residence *

Your answer

Which is your main area of expertise? *

Your answer

Do you have any additional areas of expertise? Please specify.

Your answer

What taxon are you mostly working on? *

Choose



Do you work with any additional taxa? Please specify.

Your answer

On which region of the world does your work mostly focus? *

- North America
- Central America
- South America
- Europe
- Mediterranean
- West Africa
- Central Africa
- East Africa
- Southern Africa
- Northern Asia
- Far East Asia
- Southeast Asia
- Middle East
- Indian Subcontinent
- Australia & South Pacific
- Other

If your answer was "other", please specify.

Your answer _____

Please specify any other region you work in.

Your answer _____

Broadly speaking, in which biome do you mainly work on? *

- Tundra
- Taiga
- Desert
- Tropical forests
- Seasonal forests
- Dry forests
- Prairies or steppes
- Aquatic ecosystems

Do you belong to any IUCN Specialist Group? *

- Yes
- No

If your answer was "yes", please specify which one.

- Amphibian Specialist Group
- Anoline Lizard Specialist Group
- Boa and Python Specialist Group
- Chameleon Specialist Group
- Crocodile Specialist Group
- Iguana Specialist Group
- Marine Turtle Specialist Group
- Monitor Lizard Specialist Group
- Sea Snake Specialist Group
- Skink Specialist Group
- Snake and Lizard Specialist Group
- Tortoise and Freshwater Turtle Specialist Group
- Viper Specialist Group
- Other similar specialist or authority group you belong to

VIII. a) INVASIVE & OTHER PROBLEMATIC SPECIES OR DISEASES (Please rank the threats for the species or ecosystem you work with) *

	very low	low	medium	high	very high	not applicable
Invasive non-native/alien diseases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Problematic native disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Invasive non-native/alien species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Problematic native species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diseases of unknown cause	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

VIII. b) INVASIVE & OTHER PROBLEMATIC SPECIES OR DISEASES (Please name the problematic disease(s) or species) *

Your answer

XII. CAPACITIES & LEGISLATION (Please rank the threats for the species or ecosystem you work with) *

	very low	low	medium	high	very high	not applicable
Lack of conservation capacities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of information or knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of local capacities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of strategic alliances with authorities, NGOs or local communities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poor environmental legislation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poor governance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Priority assessment of threat types

In order to better prioritize future conservation actions at a global and regional scale, we would like you to identify the main threat types affecting the populations and species you work with.

Which threat type do you consider the MAIN threat type to the species or ecosystems you work with? *

- Residential & commercial development
- Agriculture & aquaculture
- Energy production & mining
- Transportation & service corridors
- Biological resource use
- Human intrusions & disturbance
- Natural system modifications
- Invasive & other problematic species or diseases
- Pollution
- Geological events
- Climate change & severe weather
- Capacities & Legislation

Which threat type do you consider the SECOND MAIN threat type to the species or ecosystems you work with? *

- Residential & commercial development
- Agriculture & aquaculture
- Energy production & mining
- Transportation & service corridors
- Biological resource use
- Human intrusions & disturbance
- Natural system modifications
- Invasive & other problematic species or diseases
- Pollution
- Geological events
- Climate change & severe weather
- Capacities & Legislation

Which threat type do you consider the THIRD MAIN threat type to the species or ecosystems you work with? *

- Residential & commercial development
- Agriculture & aquaculture
- Energy production & mining
- Transportation & service corridors
- Biological resource use
- Human intrusions & disturbance
- Natural system modifications
- Invasive & other problematic species or diseases
- Pollution
- Geological events
- Climate change & severe weather
- Capacities & Legislation

Which actions would you prioritize to address the main threats that the species or ecosystem you work with is facing? *

- Increase funding for research
- Increase funding for conservation actions
- Increase local capacities for research and monitoring
- Involve local communities and organizations in conservation actions
- Stronger legislation and regulation
- Increase patrolling
- Increase access to scientific research and information
- Involve local authorities
- Involve national authorities
- Enforce citizen science projects or monitoring
- Stop extractive activities
- Stop intensive monocultures/livestock farming
- Increase efforts to stop amphibian/reptile overexploitation
- Generate scientific exchange that can help alleviate the global research gap
- Generate alternative livelihoods for vulnerable populations
- Increase access to basic services like healthcare, education and housing
- Increase efforts for afforestation/habitat restoration
- Habitat engineering
- Increase efforts to monitor and eradicate disease
- Establishing corridors and infrastructure to increase connectivity
- Mitigation and adaption to climate change


- Decrease levels of environmental pollution
- Transition to sustainable/resilient landscapes
- Transition to sustainable energies
- Transition to local circular economies
- Stop the introduction of alien species
- Enforce eradication programs for invasive species
- Other

If your answer was "other", please specify.

Your answer

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*Required

Levels of involvement

I give my consent for being a co-author. (A consent can be withdrawn at any time until journal submission). *

- Yes
- No

I would like to be involved by... *

- ...filling in the form.
- ...filling in the form and participate in the final revision of the manuscript.
- ...filling in the form, participate in all revisions and contribute information of my area of expertise.