**Why a Global Ranavirus Reporting System?**

- Ranaviruses are **emerging pathogens** that affect **fish, reptiles, turtles and amphibians** on nearly a global scale (Figure 1; 1).
- There have been **countless** ranavirus-related die-off and disease events. (1)
- The disease caused by ranavirus infections can be quite severe (Figure 2).
- Mortality associated with ranavirus outbreaks can be >95%. (1)
- Ranaviruses are now considered as **“Notifiable Infections”** by the OIE (the World Organization for Animal Health). (2)
- The database **www.bd-maps.net**, which tracks the global distribution of *Batrachochytrium dendrobatidis* (*Bd*), has been an invaluable resource for scientists and natural resource managers. (3)
- We hope to provide a similar database that tracks the global distribution of ranaviruses to serve as an information portal to interface among scientists and managers.

**Global Distribution of Ranaviruses**

The dark–colored areas on this map represent the current known distribution of confirmed ranavirus infections in wild animals.

This map is likely far from complete. We hope that you will help us fill in the gaps.

**How?**

- The Global Ranavirus Reporting System will be located on the Wildlife Health Reporter (WHER) website at [www.wher.org](http://www.wher.org).
- The WHER website was originally developed by the Wildlife Data Integration Network (WDIN) and maintained by the University of Wisconsin – Madison School of Veterinary Medicine.
- WHER provides a database of animals with **observed infection/disease**, but also serves as an alert system.
- The basic structure of WHER will be modified to meet the needs of the Global Ranavirus Reporting System that will match the data management needs for the collection, sharing, and notification of cases of ranavirus infection and die-off events.
- The reporting system would also be linked to citizen reports in the public version of WHER to help identify locations that need further investigation.

**What remains to be done?**

- Finalizing the Global Ranavirus Reporting System website design with WHER
- Securing funding to implement WHER

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**References:**


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**Who is building the system?**

The following organizations have been working together to make this database a reality:

- Global Ranavirus Consortium (GRC)
- US Forest Service
- Southeast Partners in Amphibian and Reptile Conservation (SEPARC)
- Wildlife Health Event Reporter (WHER), University of Wisconsin