



Assessment of Conservation Effectiveness of Protected Areas and their regional networks



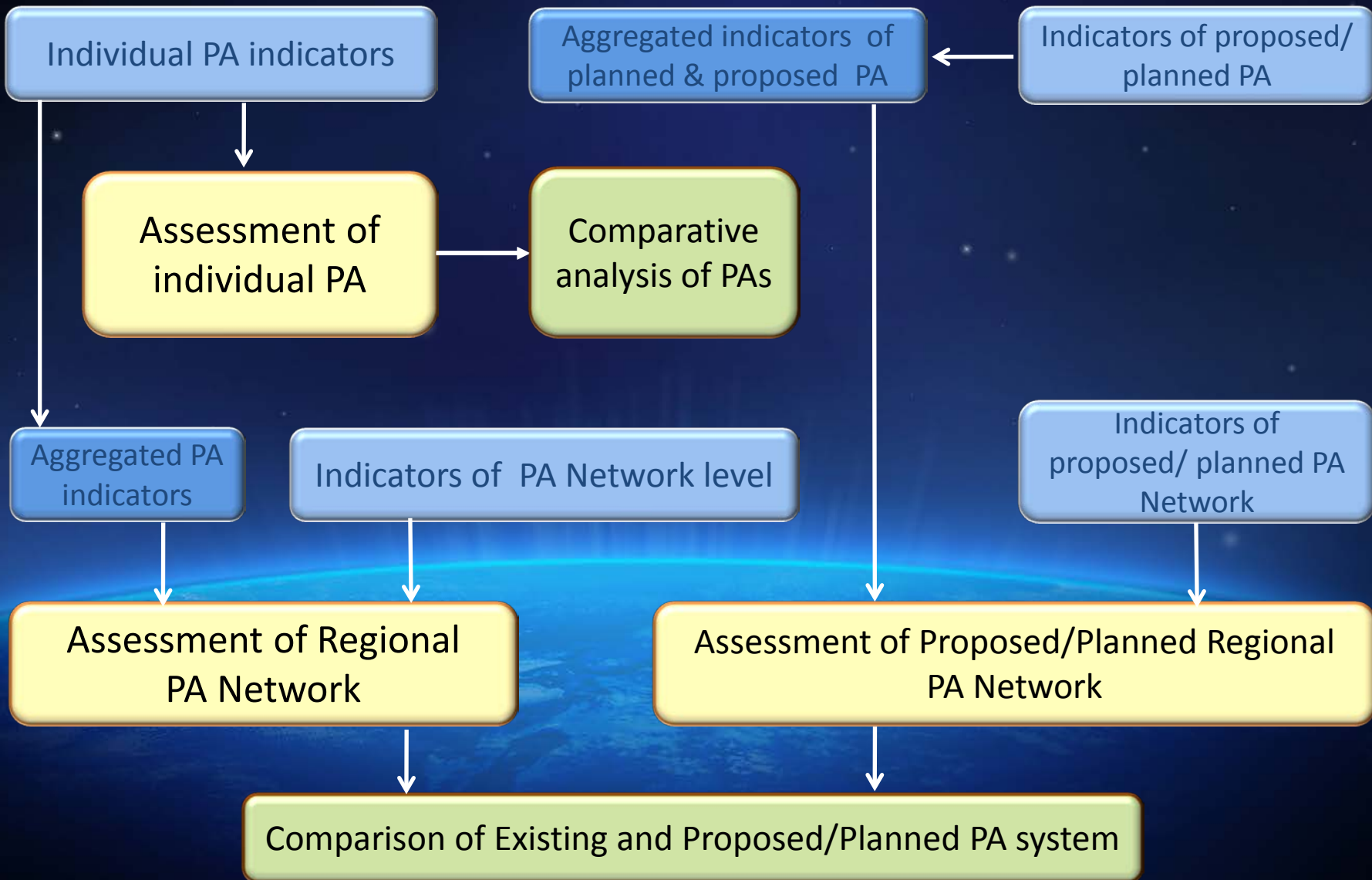
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WWF-Russia

<http://www.wwf.ru/resources/publ/book/eng/761>

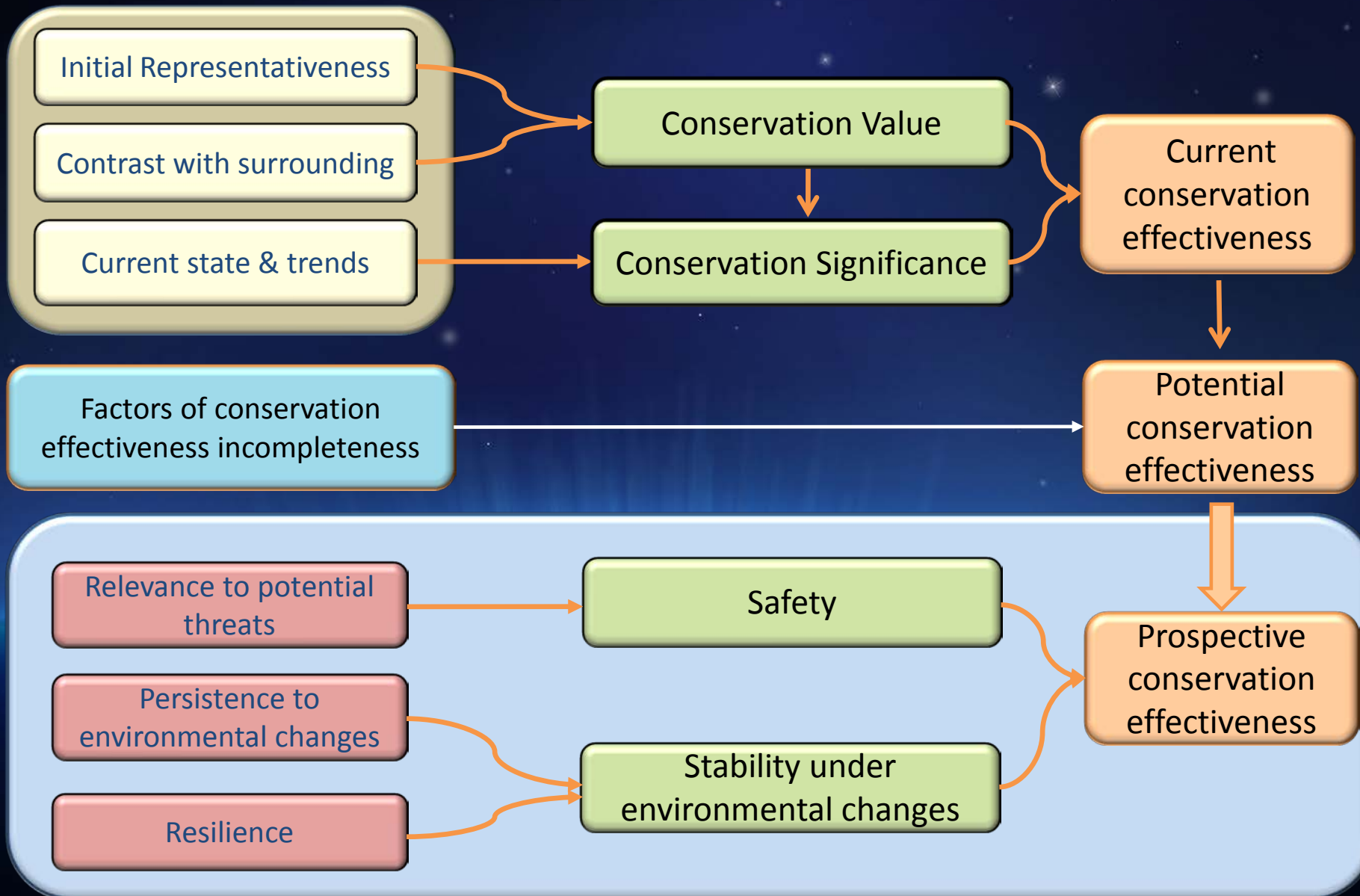


General scheme of full regional PA network assessment



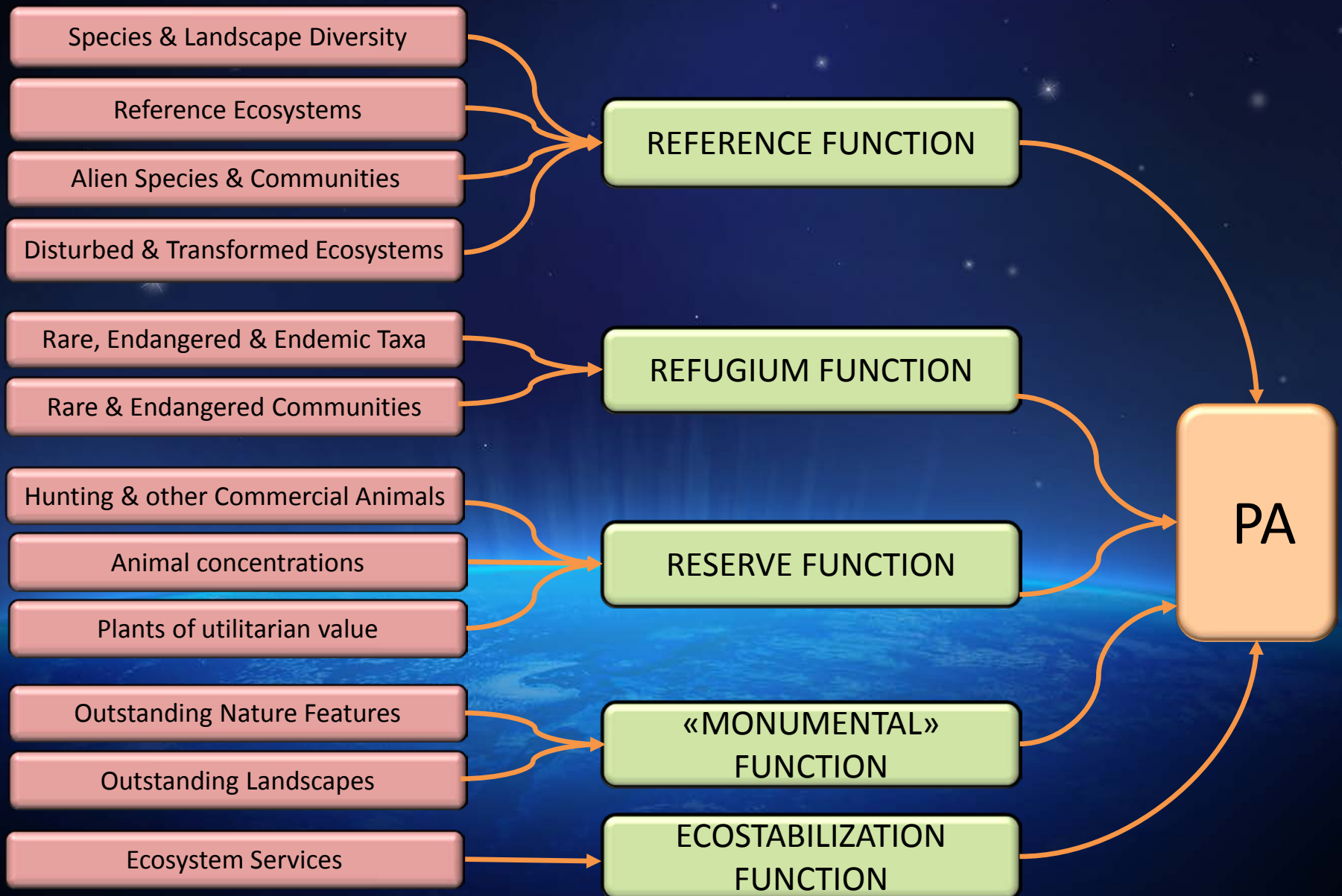


Indicators of Conservation Effectiveness for Individual Protected Areas



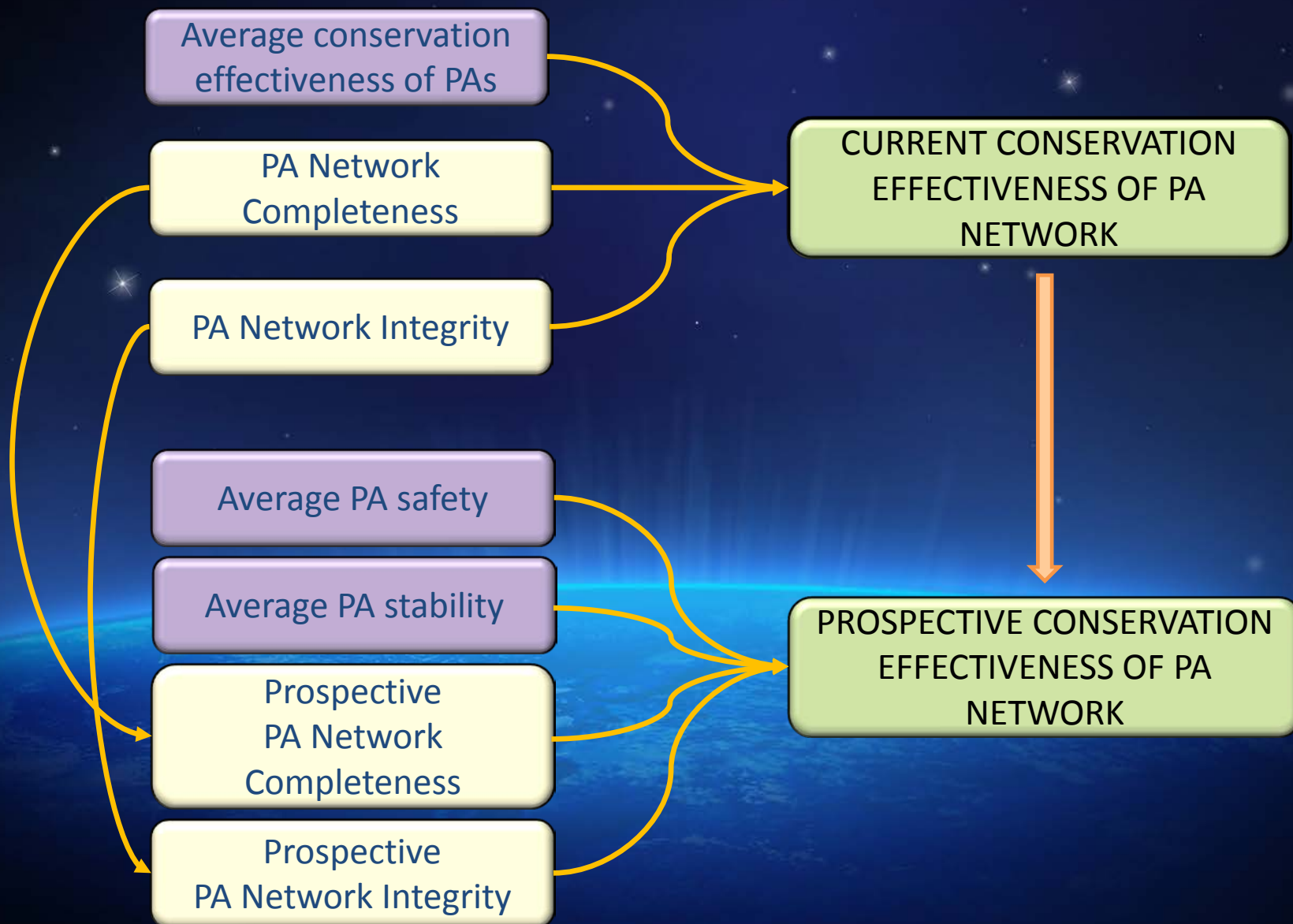


Assessed Conservation Functions of PA and their assessed components





Indicators of Conservation Effectiveness for Protected Areas Networks (existing & planned/prospective)





Components of PA Networks Indicators

Completeness

Landscape representativeness

Ecosystem representativeness

Floristic & faunistic representativeness

Completeness for rare taxa conservation

Completeness for protection of the high conservation value territories

Completeness for protection of unique and value nature features

Completeness for reproduction of nature resources

Completeness for ecological stability

Integrity

Providing natural lifecycles of species undertaking longtime nomadic or other migrations

Supporting populations of large animals, whose continued existence within a PA requires regular exchange of individuals with other areas

Capability of restoration of disturbed or destroyed environmental complexes within a PA through in-migration of species and communities from other areas

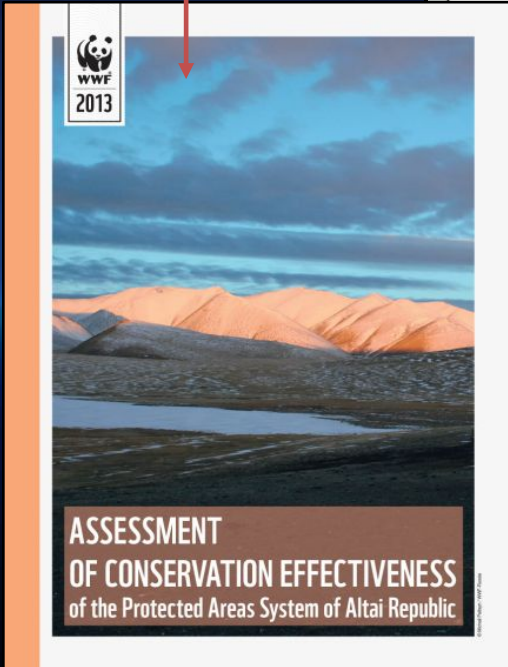
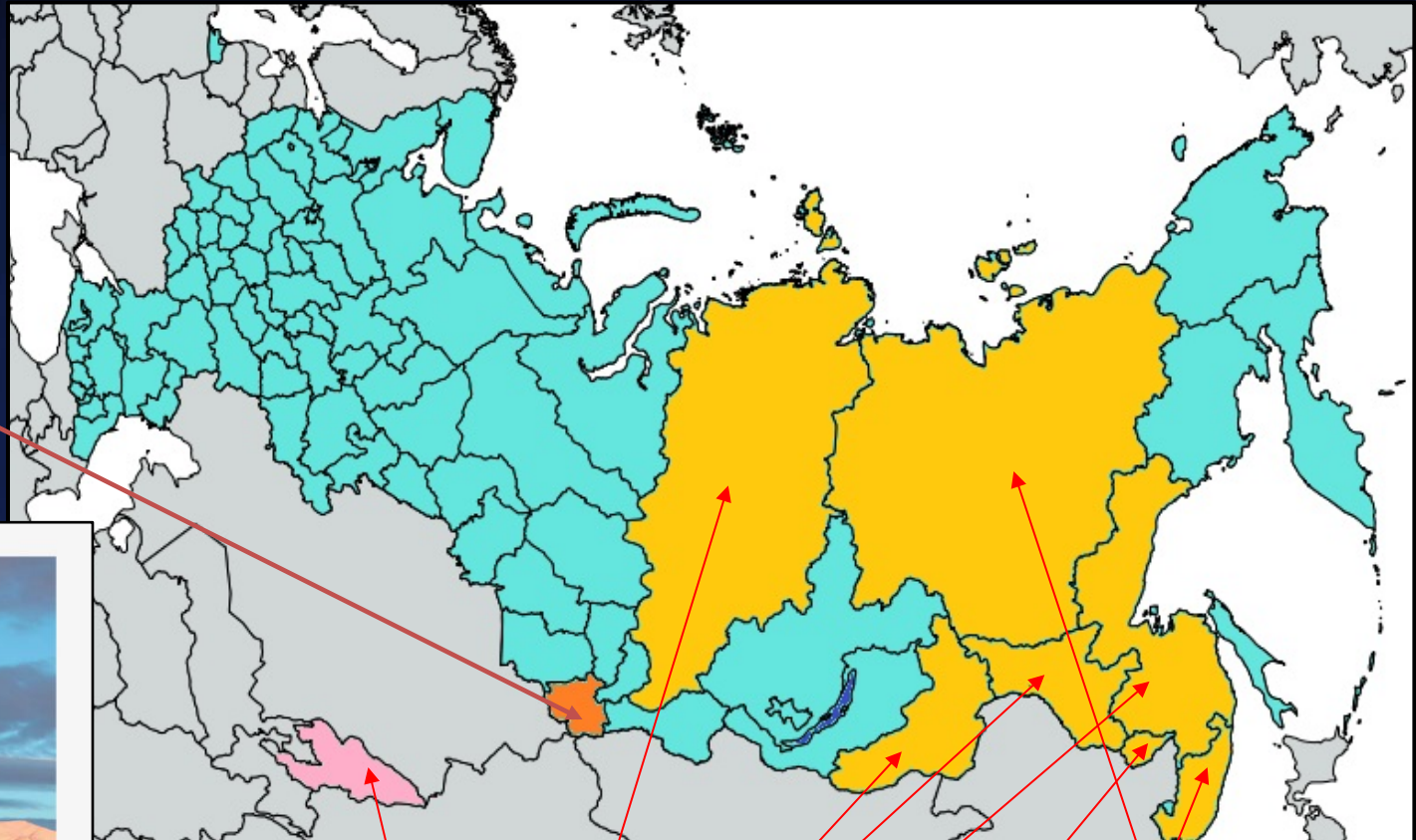
Capability of natural changes in the biota and ecosystems in response to cyclic or directional changes of the physiographic environment manifested as shifts of boundaries of zonal divisions



Methodology Approbation & Implementation

Totally 430 PAs and 9 regional networks are assessed

First Approbation – Altai Republic – 2011-12



Implementation within Russia:

- Krasnoyarsk Region – 2013
- Zabaikalsky Region – 2013
- Amursky Region – 2013
- Khabarovsk Region -2013

- Evreiskiy Autonomous Oblast – 2013
- Primorsky Region – 2013
- Sakha (Yakutia) Republic -2014

Implementation beyond Russia:

- Kyrgyzstan Republic -2014



Thank you

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