

Providing promise for tomorrow: Protected areas, biodiversity and the IUCN Green List of Protected and Conserved Areas

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University of Queensland
Vice-Chair (Science and Management),
IUCN World Commission on Protected Areas



THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

International Context



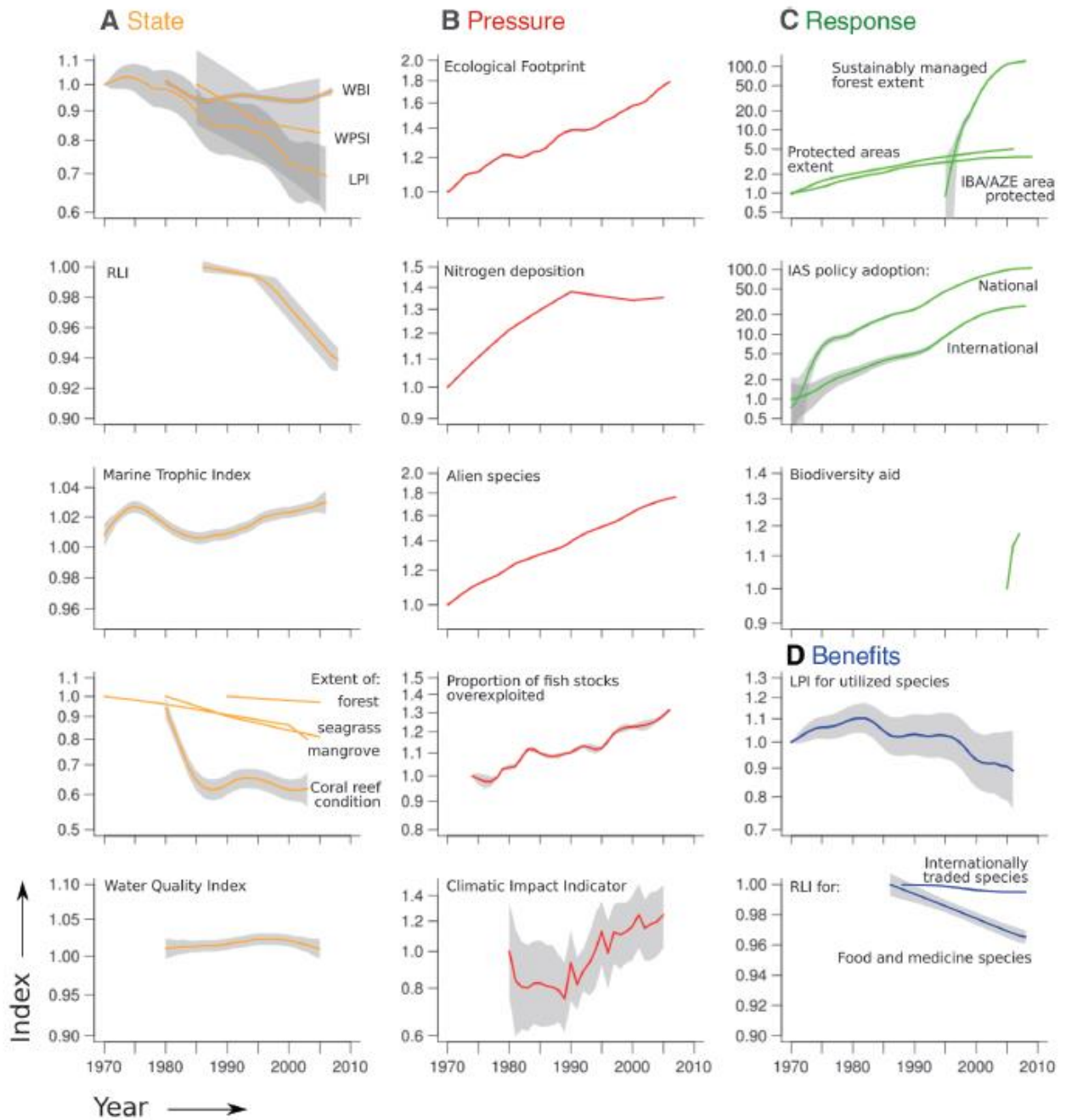
Biodiversity Crisis

- Growing realisation that we are witnessing the sixth mass extinction of species on earth
- Convention on Biological Diversity(CBD) represents one of the principal international responses to the biodiversity crisis
- In 2002 CBD set a target “to achieve by 2010 a significant reduction of the current rate of biodiversity loss ...”

International Context

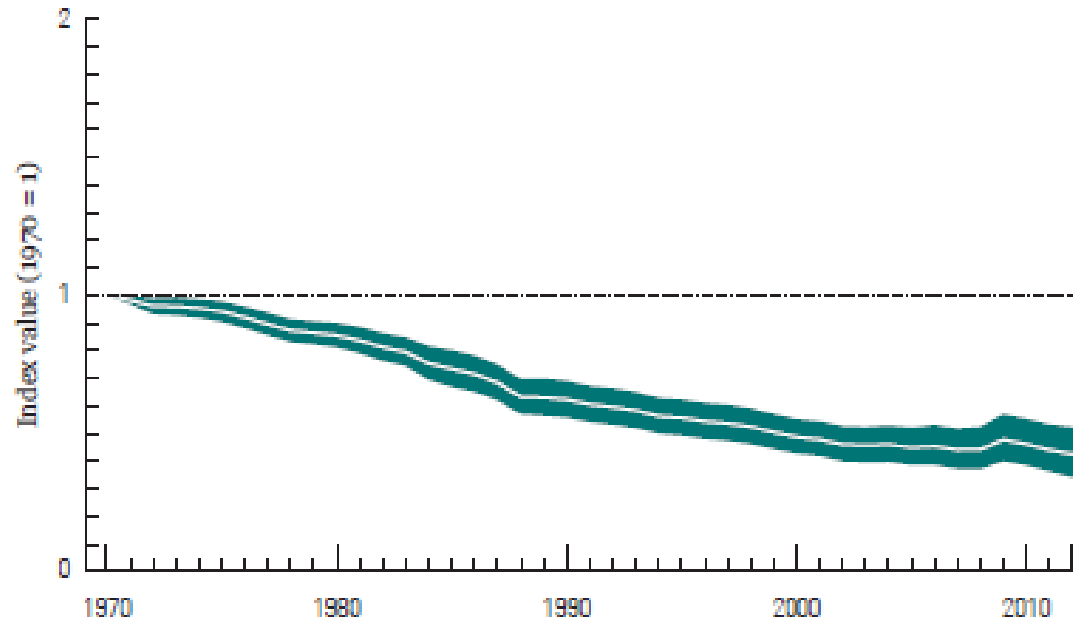


2010 Biodiversity Indicator Results



International Context

2016 WWF Living Planet Report



Populations of vertebrate species have, on average, dropped by more than 50% in little over 40 years (based on data from 14,152 monitored populations of 3,706 species)

International Context

COP10 – CBD Strategic Plan Target 11



Target 11: By 2020, at least 17 per cent of terrestrial and inland water areas and 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscape and seascape.

International Context

COP10 – CBD Strategic Plan Target 11



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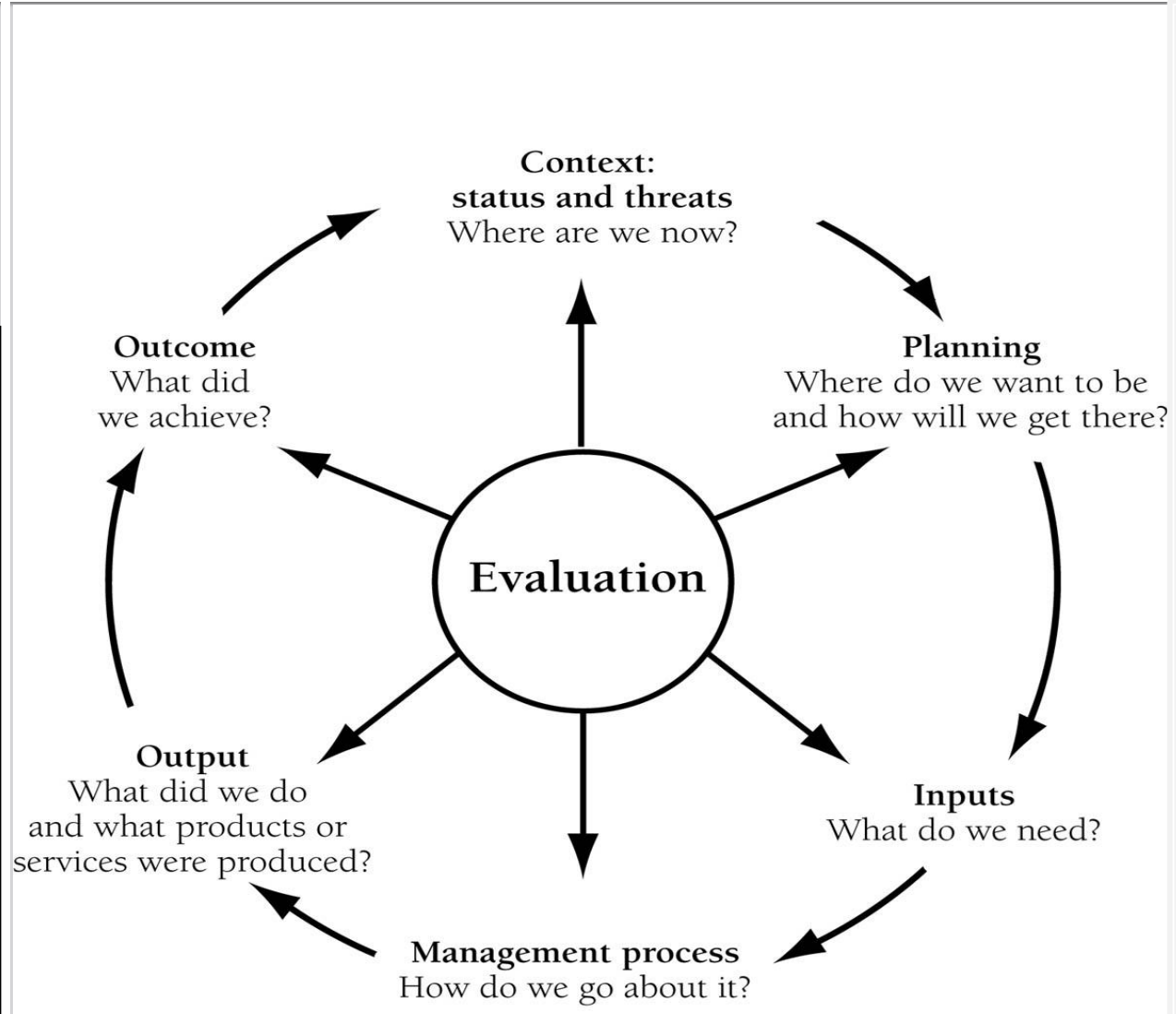
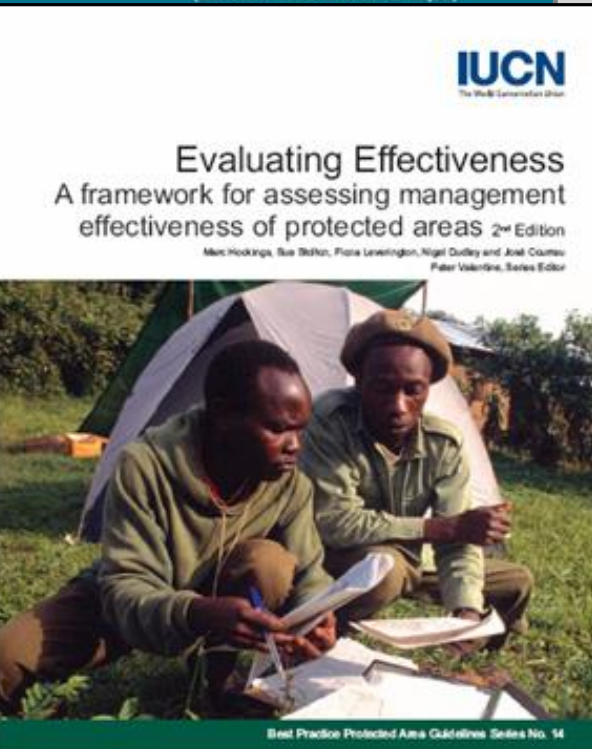
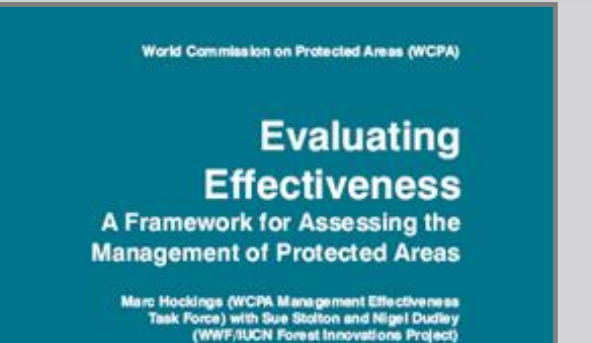
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Management effectiveness of PAs

Addressing effective management The IUCN PA Evaluation Framework



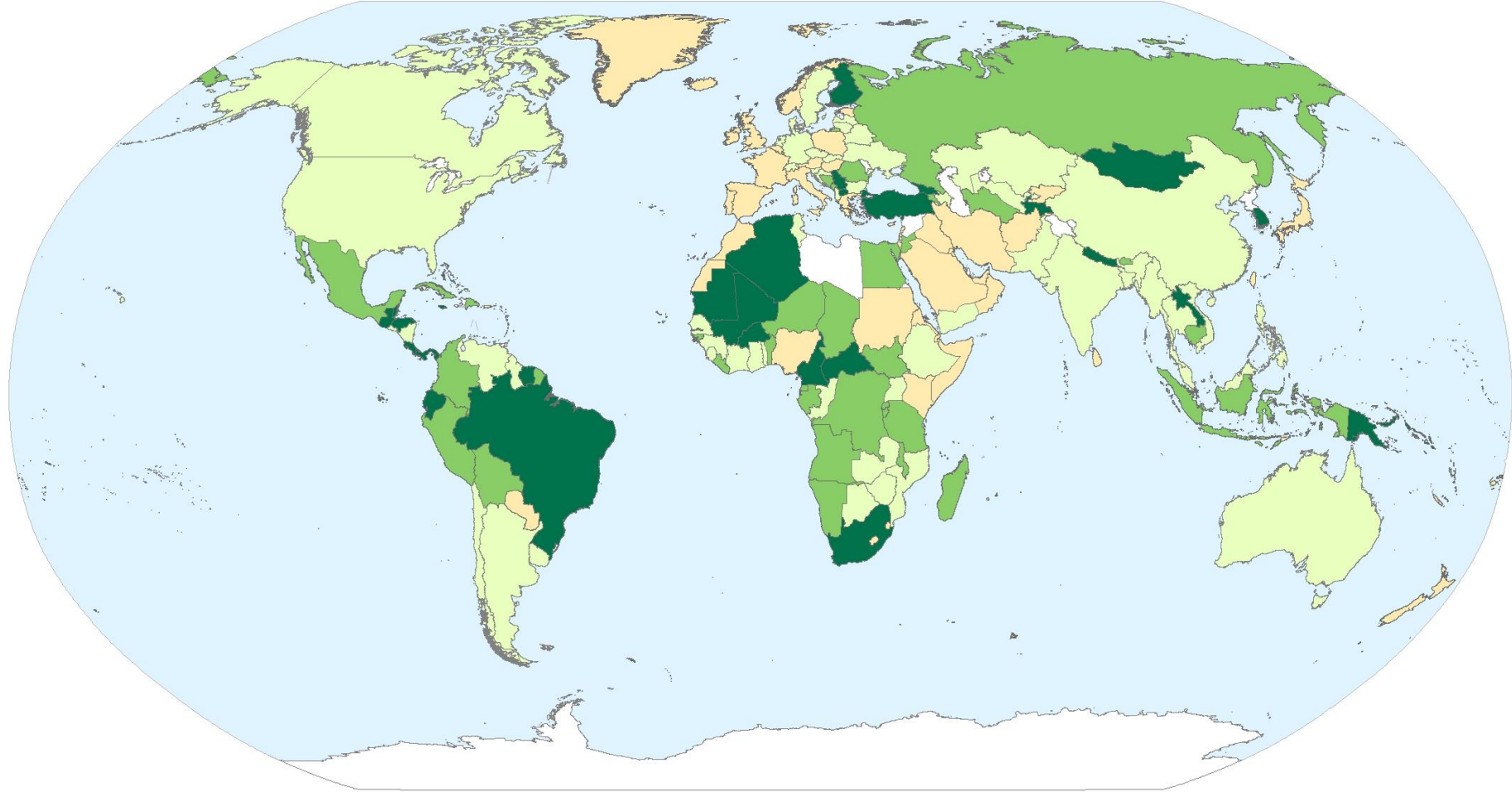
What is Protected Area Management Effectiveness Evaluation?



'...the assessment of how well a protected area is being managed – primarily the extent to which it is protecting values and achieving goals and objectives'
(WCPA PA Guidelines, no 14, 2006)

It includes consideration of

- design issues;
- the adequacy and appropriateness of management systems and processes; and
- the delivery of protected area objectives including conservation of values



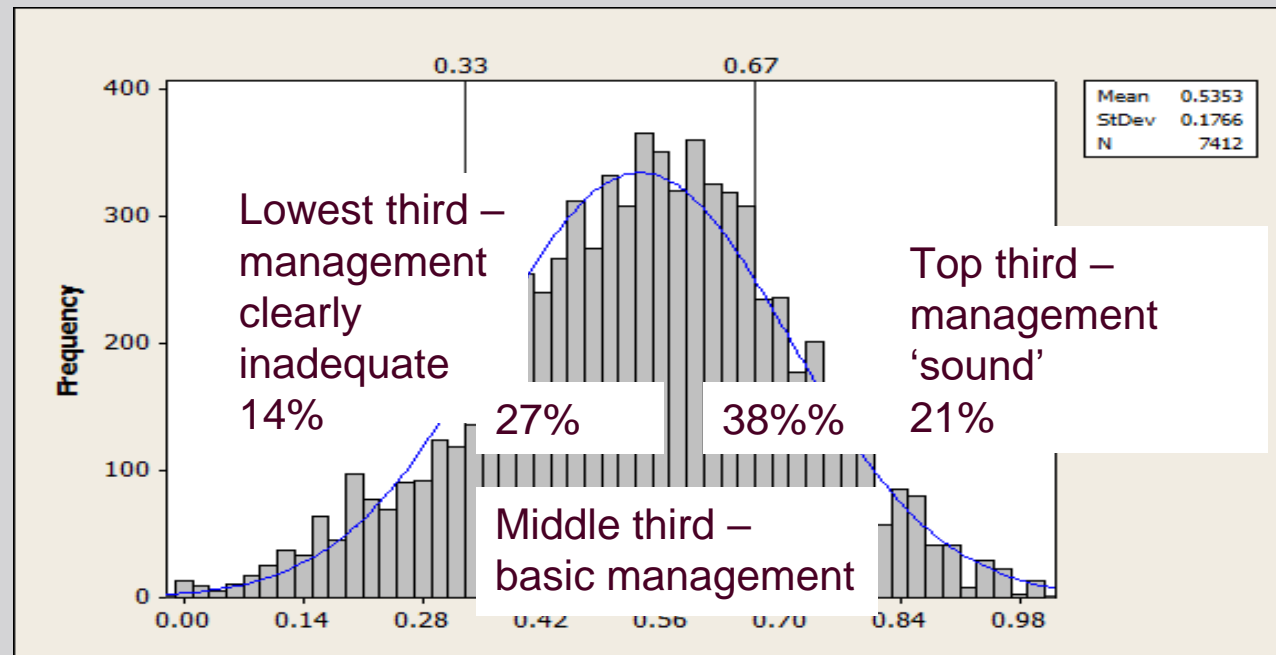
No. Assessments

Null < 10% 10% - 30% 30% - 60% >60%

Proportion of each country's protected area estate which is known to have been assessed for management effectiveness (by area).

Management Effectiveness global study results

Overall effectiveness of Protected Area Management



Do protected areas work?



- The relevance and effectiveness of protected areas as a conservation strategy has been questioned?
- Protected areas seen by some as “yesterday’s solution”
- Resurgence of the “wise use” movement
- Arguments in relation to forestry, grazing, fisheries – proposals for “opening up of national parks”

The Courier Mail

Newman Government plan to open national park areas to logging and grazing July 19, 2012

Systematic review

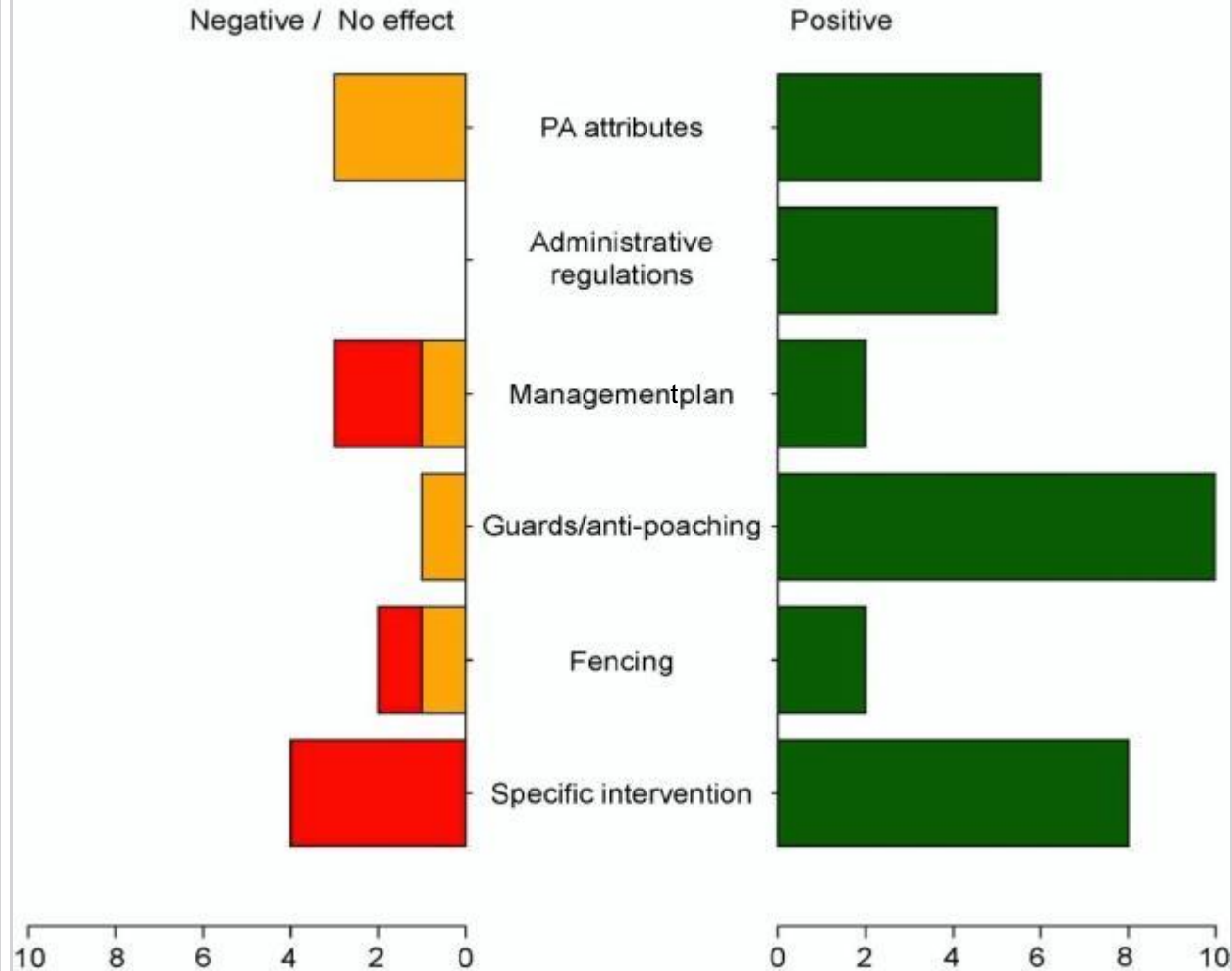


Continent	Population		Habitat	
	Studies	Effective	Studies	Effective
Africa	18	14	13	9
Asia	8	5	10	8
Europe	5	3	2	2
Latin America	3	3	25	24
North America	5	3	1	1
Oceania	2	1	1	1
Global	0	0	5	5
Total	41	29	57	50

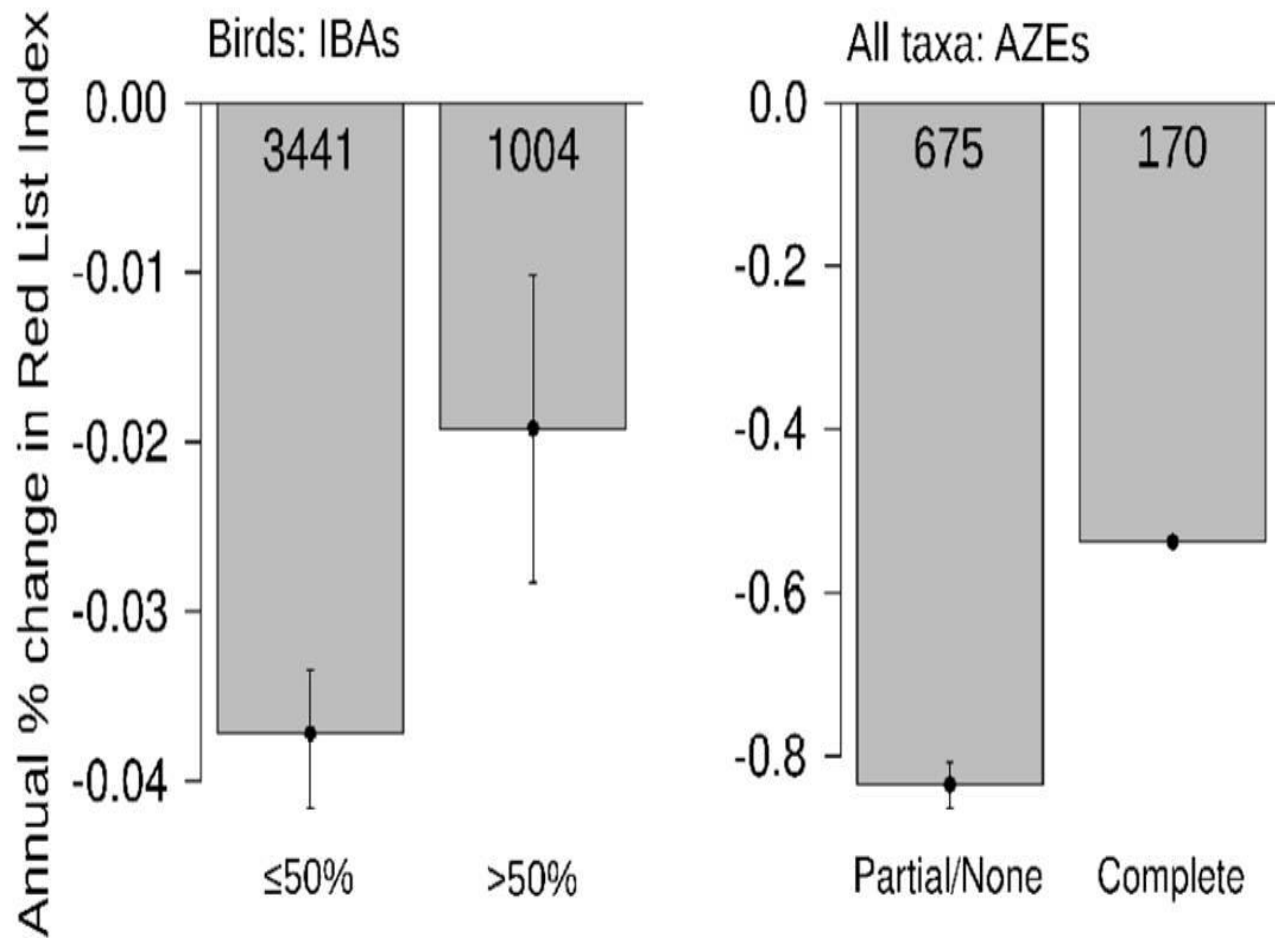
Geldmann, J., Barnes, M., Coad, L., Craigie, I. D., Hockings, M. & Burgess, N. D. (2013) Effectiveness of terrestrial protected areas in reducing habitat loss and population declines. *Biological Conservation* 161: 230-238.

Biodiversity and PA Outcomes Task Force

Systematic review



Reducing the rate of loss



Coverage by Protected Areas

Butchart et al 2012 Protecting important sites for biodiversity contributes to meeting global conservation targets. PLoS ONE, 7(3)

Global analysis of population time series



- More than 1900 population time series from 447 PAs
- Assembled large dataset of potential predictor variables (PA and landscape attributes, PA management variables, socio-economic variables)
- On average PAs are maintain populations within their boundaries

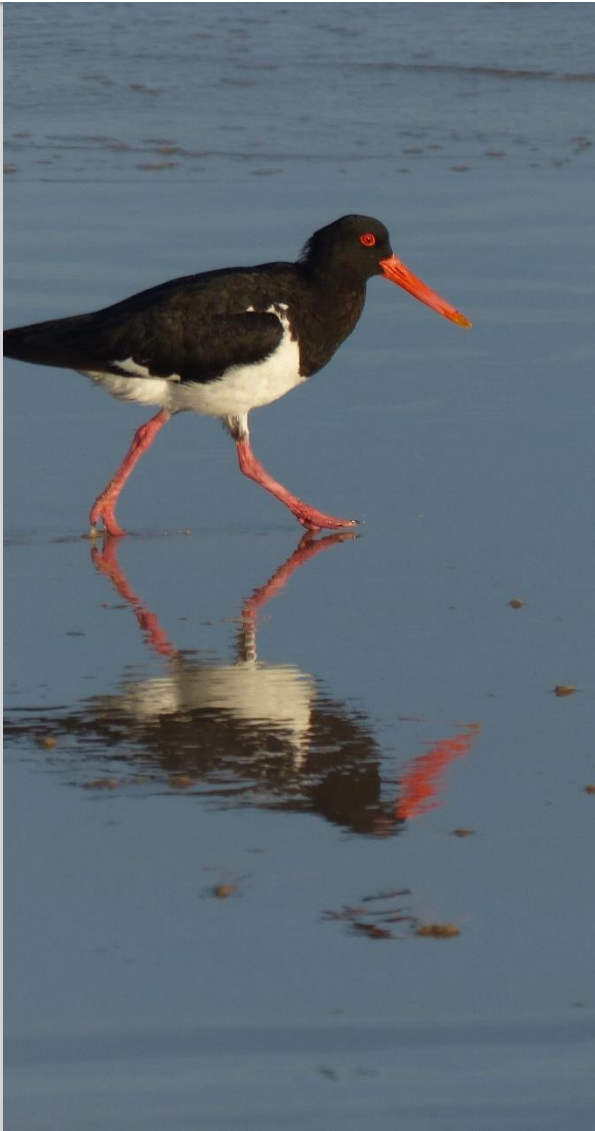
Birds better than Mammals

Large-bodied better than small-bodied

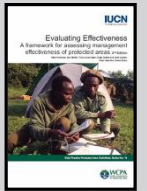
Higher HDI better than Lower HDI

Responding to the biodiversity crisis

IUCN working to make protected areas work?



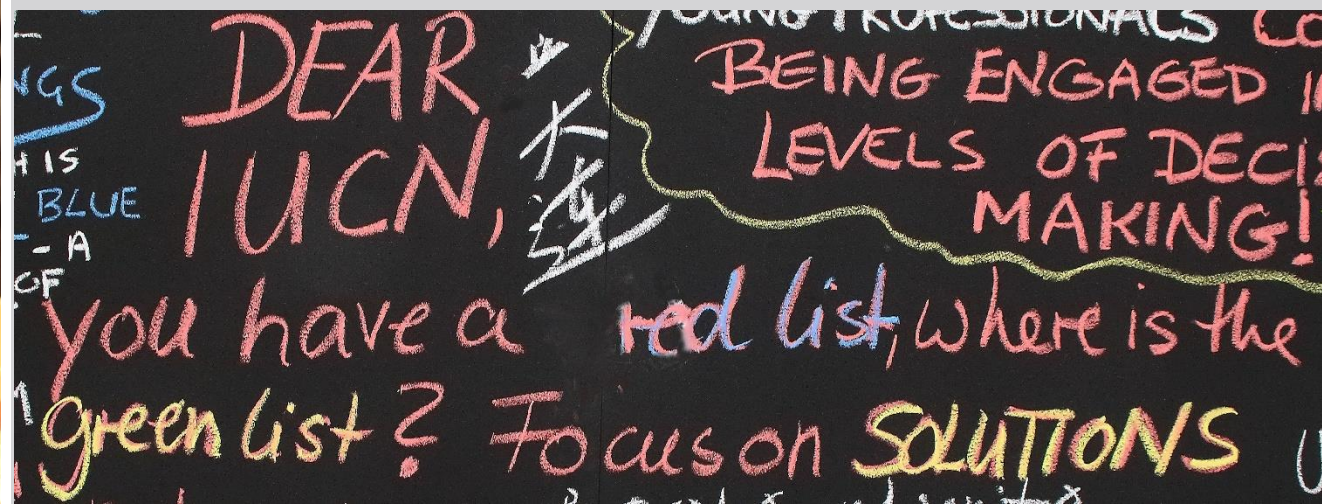
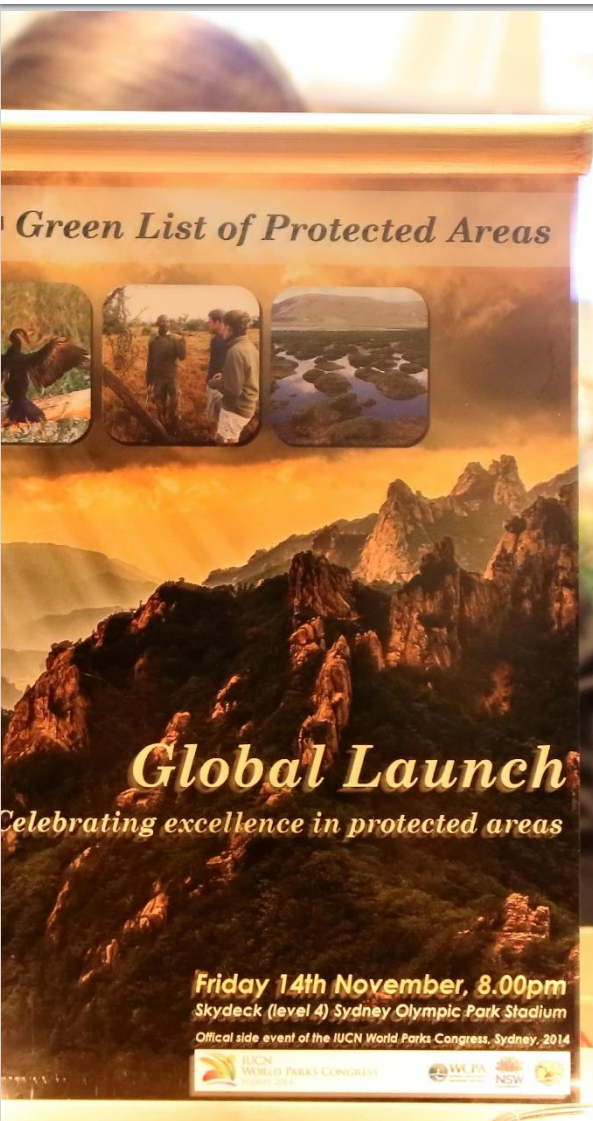
- Making global community aware of the crisis
 - IUCN Red List of Threatened Species
 - World Heritage in Danger
- Providing knowledge and guidance
- Providing solutions
- Convening governments and civil society
- Inspiring hope





IUCN Green List of Protected and Conserved Areas

- Emerged from work on management effectiveness
- Using a Standard to guide improvements
- Address global gap in quality of protected areas
- Focus on what is working
- Positive examples to change behaviour – “*The race to the top*” in the words of IUCN Director-General, Inger Andersen





What is the IUCN Green List

- a global standard for conservation success
- adaptable to the local context of any country or region
- a voluntary commitment for any type of protected area
- a credible, independently assured evaluation procedure
- global recognition for protected areas and their staff



GLOBAL GREEN LIST COMMUNITY



In 2015, WWF and IUCN Directors-General announced partnership to expand the number of protected areas reaching IUCN Green List quality standards to at least 1000 protected areas in 50 countries by end of 2025



The IUCN Green List

THEORY OF CHANGE

Direct results

Intermediate results

Long-term results

GLPCA Standard provides credible, global, aspirational framework for achieving nature conservation in PAs

Evaluation identifies pathways and targets for interventions and support to achieve conservation success

Fairly governed and effectively managed PAs that are achieving their objectives are identified, celebrated, and promoted

Training and capacity-building, peer networks of PA experts and practitioners

Recognition and support for PAs through an effective conservation tool

More effective targeting and use of resources to achieve conservation impacts

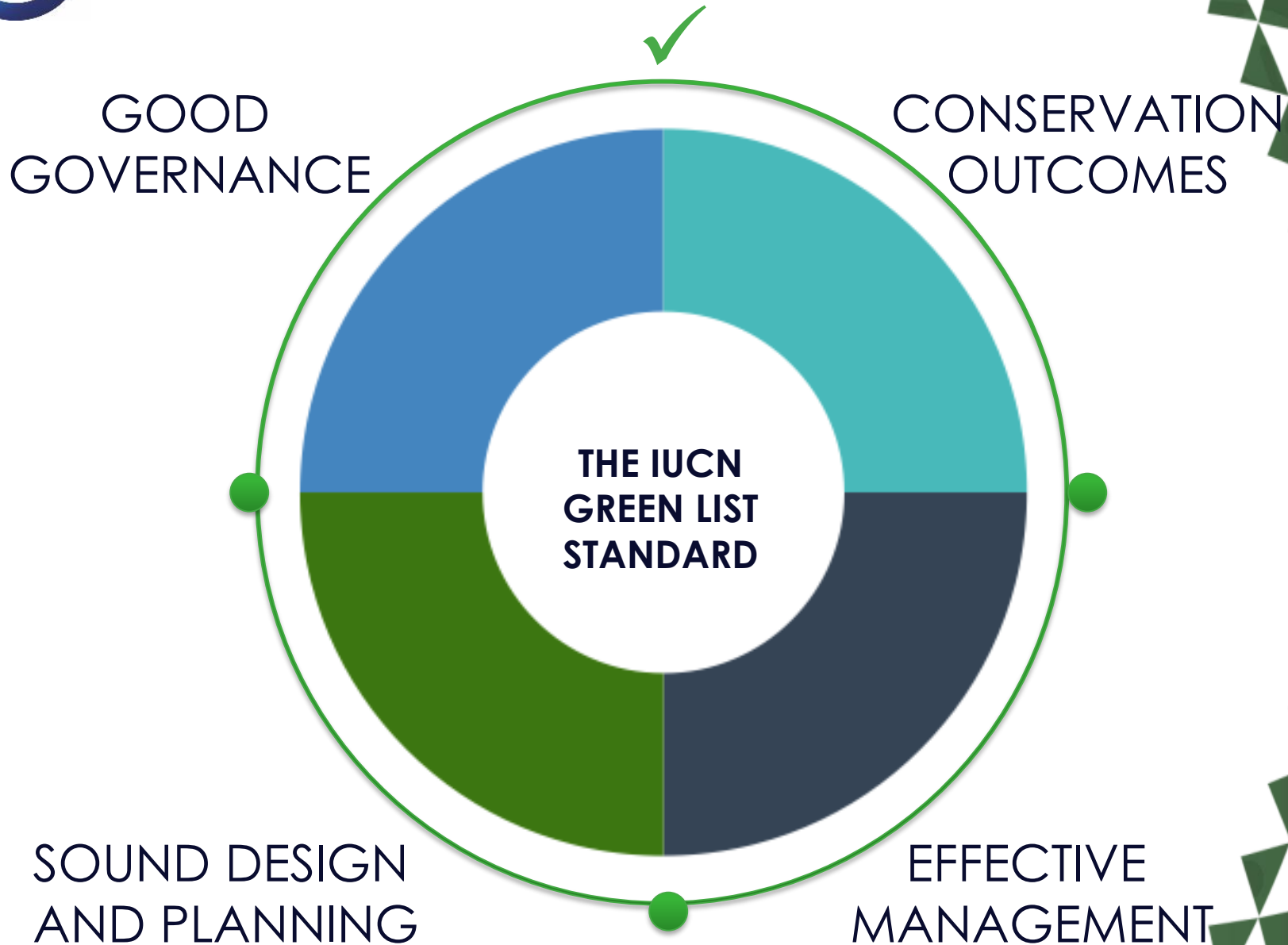
Value for managers, communities, partners, stakeholders

Value for governing agencies, donors, investors, sponsors

Increasing area of well-designed, fairly governed & effectively managed PAs achieving their intended objectives



The IUCN Green List Standard





The IUCN Green List Standard

EFFECTIVE MANAGEMENT

- Long-term management plan
- Manage ecological conditions
- Manage within social and economic context
- Manage threats
- Effectively enforce laws
- Manage access and use
- Measure success

GOOD GOVERNANCE

- Guarantee legitimacy and voice
- Achieve transparency and accountability
- Enable governance vitality and capacity to respond adaptively

SUCCESSFUL CONSERVATION OUTCOMES

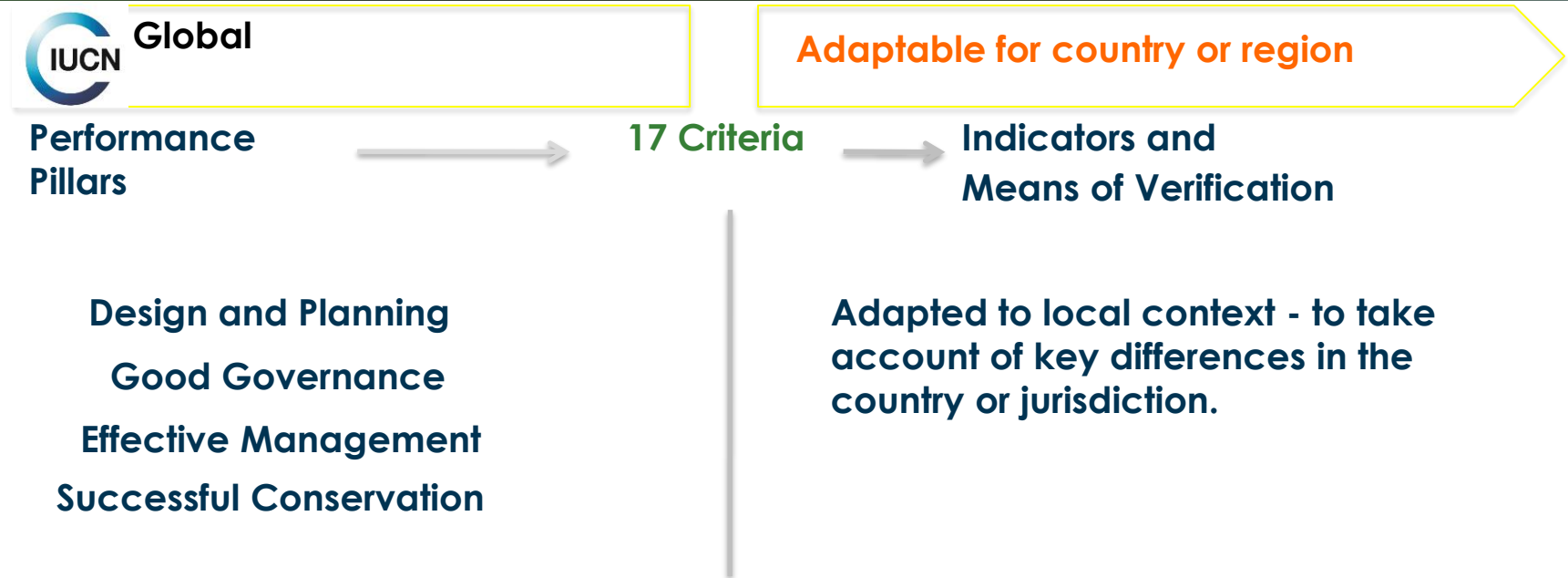
- Demonstrate conservation of major natural values
- Demonstrate conservation of ecosystem services
- Demonstrate conservation of cultural values

SOUND DESIGN AND PLANNING

- Identify major site values
- Design for long-term conservation
- Understand threats and challenges
- Understand social and economic context

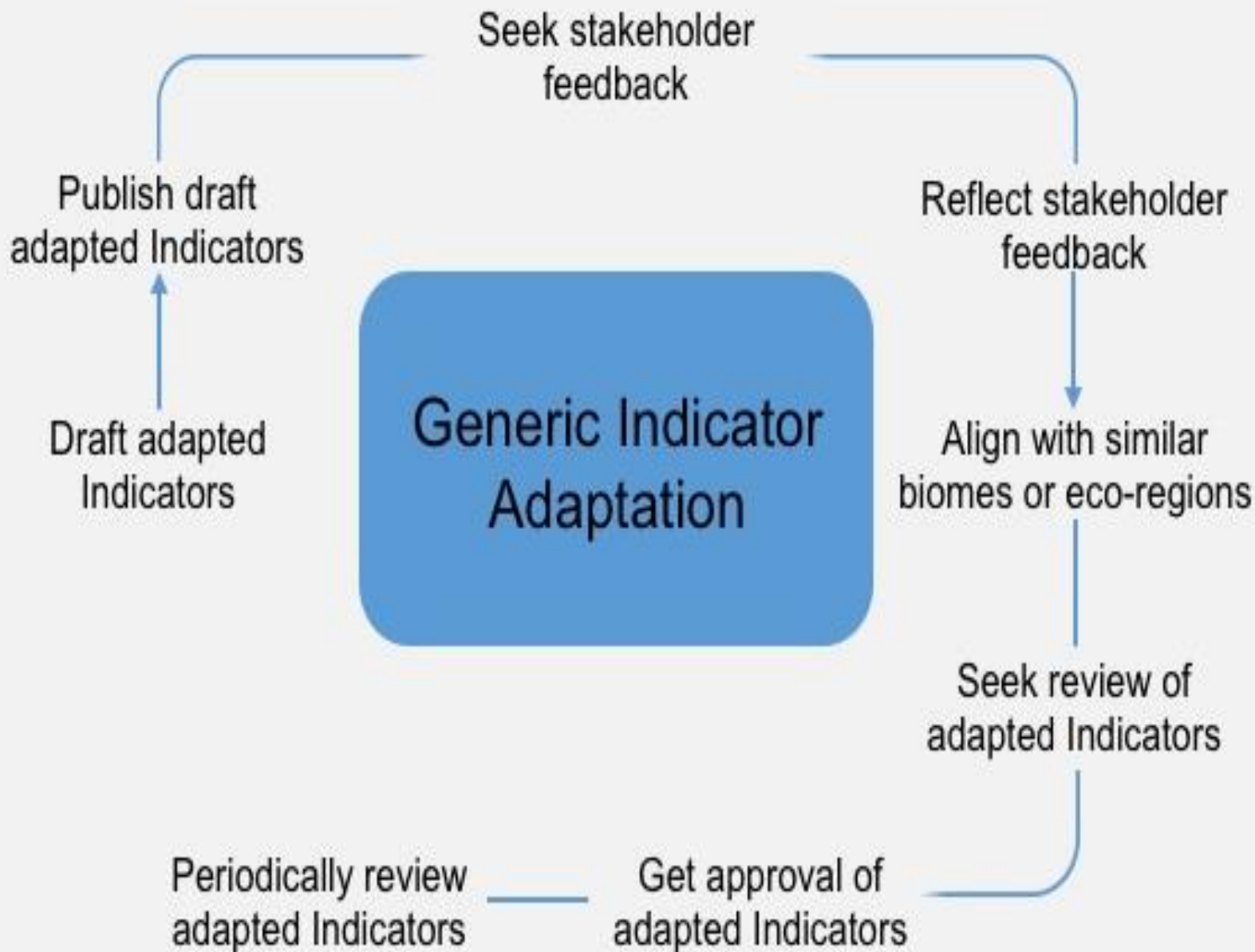


GLOBAL STANDARD, LOCAL CONTEXT

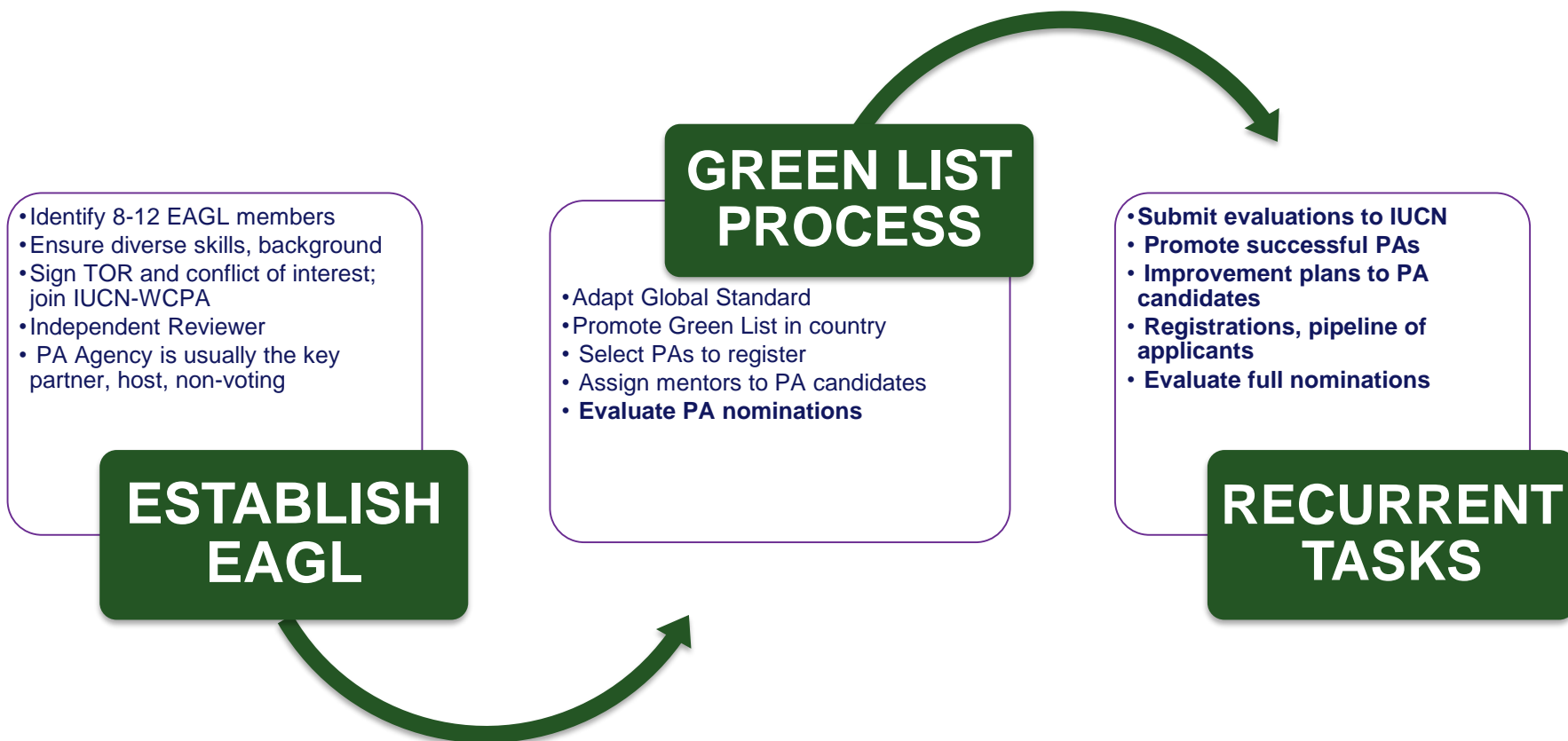


Criteria are the globally consistent requirements that a Protected Area must meet in order for it to achieve the Green List

Generic Indicator Adaptation



EXPERT ASSESSMENT GROUPS (EAGL)



GREEN LIST PROCESS



APPLICATION

- Demonstrate basic ingredients to comply with Green List Standards
- Self-assessment
- Stakeholder feedback



CANDIDACY

- peer-assessment
- Site visit including stakeholder input
- EAGL evaluation
- Reviewer validation



ACHIEVE GREEN LIST STANDARD

- Panel review
- IUCN recognize successful PA on global Green List



WCOPA
WORLD COMMISSION
ON PROTECTED AREAS



GREEN LIST ASSURANCE



- Reviewer to work with each EAGL
- Audit Green List process
- Appointed and accredited by 3rd Party (ASI)
- Culturally and linguistically in-tune
- Partnership model with EAGL
- Assure all aspects of the process
- Role provides credibility that all Green List protected areas achieve on MERIT



TWEETS **2 586** ABONNEMENTS **232** ABONNÉS **224 k** FAVORIS **1**

Suivre

Ségolène Royal ✓

@RoyalSegolene

Ministre de l'Ecologie, du
Développement durable et de l'Energie

📍 France

developpement-durable.gouv.fr

🕒 Inscrit en août 2009

Tweets Tweets & réponses Photos & vidéos



Ségolène Royal @RoyalSegolene · 14 nov.

5 espaces protégés français distingués par l'#UICN sur 23 candidats :
une reconnaissance et un encouragement bit.ly/1ut0DSK

🔄 28 ⭐ 5 ⋮

Ne manquez aucun Tweet
de **Ségolène Royal**

Nom complet

Adresse email

Mot de passe



Remarquables, ces cinq parcs !

EXCLUSIF. Cinq espaces naturels français vont être récompensés ce matin lors du Congrès mondial des parcs organisé en Australie. L'occasion de les (re)découvrir !

DES SITES EXEMPLAIRES

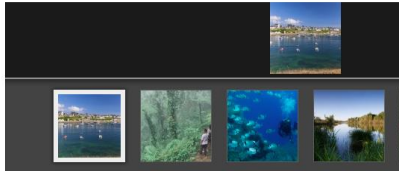


Des ours, des mérous et des oiseaux... Le parc national des Pyrénées, qui culmine à 3298 m, accueille plus de 1,5 million de visiteurs chaque année. Méritait-il pour avoir été choisi plusieurs fois sur son territoire ?

Parcs nationaux : cinq sites français récompensés

ACTUALITÉ > PHOTOS Par Service photo du Figaro | Mis à jour le 14/11/2014 à 17:22 | Publié le 14/11/2014 à 16:29

- L'AUTEUR
- SUR LE MÊME SUJET
- RÉAGIR (2)
- PARTAGER
- IMPRIMER



FIGARO PARTNER LA PERSONAL ECONOMY

EN IMAGES - Le Congrès mondial des parcs a rendu publique très sélective des aires protégées. Une distinction qui sort du reconnu au niveau mondial. Un succès pour la France.

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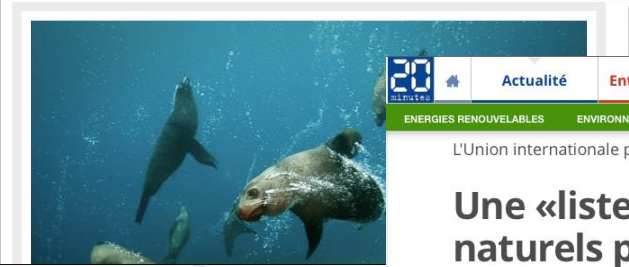
Green List promotes best conservation areas

Project puts spotlight on protected reserves that boost biodiversity.

Natasha Gilbert

14 November 2014 | Corrected: 17 November 2014

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NATIONAL GEOGRAPHIC

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News The Magazine Maps Science Education Games Events Blogs

Home Animals Ancient Energy Environment Travel/Cultures Space/Tech Water Weird

IUCN Recognizes World's Top Reserves

The new Green List establishes the first global standard for protected natural areas.



- Trending Now**
- 01 DNA Confirms: Here Lieth Richard III, Under Yon Parking Lot
 - 02 Who Is Krampus? Explaining the Horrific Christmas Devil
 - 03 "Great Surprise" - Native American West Eurasian Origins

SCIENCES ET Avenir Nature

Espace Santé Nutrition Nature Animaux High-tech

TEMPS FORTS ► Barrage du Sivens L'ado et les océans Champignons Bouquetin

À LA UNE

- Ariane 6, l'espace à bon marché

Sciences > Nature & environnement > Une "liste verte" internationale d'espaces naturels protégés

Une "liste verte" internationale d'espaces naturels protégés

Publié le 14-11-2014 à 19h19
Mis à jour le 17-11-2014 à 13h19

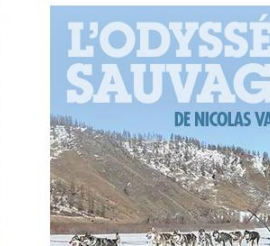
Nature | 02 Décembre

3. European probe shoots down dark-matter

L'Union internationale pour la conservation de la nature (IUCN), ...

Une «liste verte» internationale d'espaces naturels protégés

2 CONTRIBUTIONS RÉAGISSEZ À CET ARTICLE PARTAGER 0 TWITTER 0 +1 0





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Get involved:

- Consider being PA expert/EAGL member
- Contribute to standard / criteria / indicators
- Help to publicise the GLPCA in your country
- Contact us with your ideas