



CATALOGUE OF INDICATORS OF MANAGEMENT EFFECTIVENESS
(CIME)

Methodology

Preparation for the workshop
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in Entlebuch(Switzerland)

Instruction manual

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Schweizerische Eidgenossenschaft
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1. Context and objectives

An increasing number of supervisory bodies (ministries, territorial collectives, etc.) expect protected area managers to produce comprehensive evaluations of the utility and effectiveness of management measures. At the European Community level, the article 17 of the Directive 92/43/EEC provides for a monitoring and reporting activity in order to evaluate if the chosen actions are maintaining and/or restoring a favourable conservation status for habitat types and species of community interest. This monitoring mostly requests an indicator system. Some large organisations such as the International Union for Conservation of Nature (IUCN) are also addressing this issue in conjunction with protected areas.

In response to requests from the protected areas, in 2006 the Alpine Network of Protected Areas (ALPARC) launched an investigation into this subject which was coordinated by the Task Force Protected Areas of the Permanent Secretariat of the Alpine Convention. Two events were organised:

1. In 2006 in Toblach): "Indicators and effectiveness of the management of protected areas" from 11 to 12 May in Toblach, South Tyrol (Italy)
2. In 2007 in Cogne: "Indicators and effectiveness of management in protected areas", from 10 to 11 May in Cogne (Italy).

Following on from close collaboration with the Network of Swiss Parks and the Swiss Confederation, represented by the Federal Office for the Environment (FOEN), during the workshop, ALPARC is now seeking to examine the question of evaluating management measures in protected areas with a view to establishing a cross-Alpine set of indicators.

The Federal Office for the Environment (FOEN) is the Swiss office responsible for establishing and supporting national parks, regional nature parks, and nature discovery parks. Its aims are: to protect and promote exceptional habitats and outstanding landscapes, to encourage tourism and sustainable regional development, to help the public to experience the natural world and to facilitate environmental education. The FOEN is interested in creating a catalogue of management effectiveness indicators as a support tool for protected areas, for the cantonal authorities and for itself which will be used to evaluate regional and national protected areas.

The purpose of this project is to develop a common methodology with a view to creating a dynamic and flexible catalogue of management effectiveness indicators for protected areas.

The aims of the workshop are:

- To elaborate a first draft of a catalogue of indicators on management effectiveness for protected areas.
- To explain to managers how to use this catalogue for their protected area.

2. Meeting protected areas' needs

The system of indicators will be determined by the needs expressed by the managers themselves, whilst also taking into account the statutory evaluation and reporting requirements in each country. It will therefore serve as a practical tool, which is tailored to managers' needs and which will provide a better overview of management actions. The tool will be defined in partnership with local managers, who will therefore be regularly invited to attend workshops.

Our objective is to create a Catalogue of Indicators of Management Effectiveness (CIME) as a support tool that will enable protected area management bodies to improve in a long term view the protected area performance and management systems.

3. How will the catalogue work?

The indicators will be classified under five key objectives and a number of subordinate objectives. The five main categories are:

1. Nature conservation and landscape protection
2. Sustainable regional development
3. Communication and environmental education
4. Management of protected areas (operational matters, strategy, etc.)
5. Research and monitoring activities

The catalogue will be presented to participants in the form of tables. Each table will be organised as follows:

- **OBJECTIVE:** The aims of a programme or project run by the protected area management
- **OUTCOME:** Medium-term results of a programme or project in relation to the objectives and generated by the partners' outputs.

The OUTCOME is divided into three parts:
 - *Expected outcome:* the intended outcome
 - *Actual outcome:* the outcome achieved
 - *Outcome indicator: the indicator for measuring whether the expected outcome has been achieved*
- **IMPACT:** Positive and negative, primary and secondary, long-term changes or effects produced by a programme or project whether direct or indirect, intended or unintended.
- **OUTPUT:** The products (goods, services, etc.) generated under a programme or project in order to achieve the objectives
- **COST:** The expenses incurred in the process of producing the output.

The catalogue also contains two other elements:

1. **Methodology implementation/data source & availability:** defines the source and availability of the data used.
2. **Experiences and applications:** can be used to provide examples of existing applications of the indicators.

The structure of the catalogue and data has been defined in accordance with international standards and simplified as much as possible.

4. What indicators will be used?

In order to establish a new shared evaluation tool, a number of common indicators are required. These indicators will be referred to as standard indicators. However, each protected area will be able to and will need to adapt the tool by creating indicators that are more specific to the situation in the protected area.

5. What do I need do to before the workshop?

The preparatory documents you have received will enable you both to familiarise yourself with the project's objectives and to think about how you could use this kind of system. Please come with some proposals for indicators, classified in accordance with the categories in the tables and, where possible, based on the definitions provided. The catalogue will be revised and completed during the workshop on the basis of your proposals. During the workshop we will also identify a number of standard indicators.

6. What should a proposal contain?

First you need a clear understanding of the different terms used. We have produced a glossary with a few examples to help (see Glossary).

You can then consider the specificities of your protected area and try to fill in some of the fields proposed. → We intend to check whether the catalogue will be relevant and useful.

The catalogue will obviously be improved in line with the comments made during the workshop.

How to proceed

Step 1: → First, define the expected OUTCOME and the OUTCOME indicator for each objective.

Step 2: → Define the IMPACT, which should be a long-term objective (over 10 years).

Step 3: → Define the OUTPUT required in order to achieve the stated OUTCOME.

Step 4: → Precise the costs (it's a feasibility indicator).

Step 5: → Develop methodology protocol by taking into account the data sources and availability.

Step 6: → Report other experiences, applications and monitoring (lessons learned).