Efficiency Assessment for the PA's Performance:

Expert&Statistical Technique

The questionnaire for expert assessment

Goal of the Questionnaires

- Assess the most general integral indicators of the Protected Areas Performance
- Compare the Protected Areas pair-wise

Note: Maximal trust in the experts intuition and knowledge are assumed.

Integral Indicators
of the PA Performance

- Guard

- Science

- Education

- Director

What to Do to Answer the Questionnares

- Assign a scale for assessment
- Assess each PA
- Compare the PA's

Example of the Scales for Assignment

- 10 levels from 1 to 10, the latter being maximal
- 5 levels from 1 to 5, as in Russian primary school
- 3 level scale with 2 for "good", 1 for "fair", and 0 for "bad"
- An arbitrary scale is up to the expert

A Model Example for the "PA" Assessment

Assessment for Guardian Effectiveness of the Protected Area

Using 5-Level Scale

Name of PA	Mark
Пошехонский	**3**
Российский	**5**
Адыгейский	2
Эдамский	4

A Model Example of Pair-Wise Comparison

Guardian Performance Effectiveness

National Parks	Пошехонский	Российский	Адыгейский	Эдамский
Пошехонский				
Российский				
Адыгейский				
Эдамский				

Rules for filling-in tables

1. If the two PA are not comparable then put "0" where the column and row join.
2. If the two PA are equal then put "=" where the column and row join.
3. If the PA in the row is better than the PA in the column then put "+".
4. If the PA in the row is worse than the PA in the column then put "–".

A Model Example for Pair-Wise Comparison

Guardian Performance Effectiveness

National Parks	Пошехонский	Российский	Адыгейский	Эдамский
Пошехонский		-	=	+
Российский	+		+	+
Адыгейский	=	-		+
Эдамский	-	-	-	