

the River Restoration Centre

Working to restore and enhance our rivers

Delivering River Restoration: Recipes for Success

13TH ANNUAL NETWORK CONFERENCE













Restoring Europe's Rivers

























How French river restoration projects are evaluated? Discussion about the notion of success

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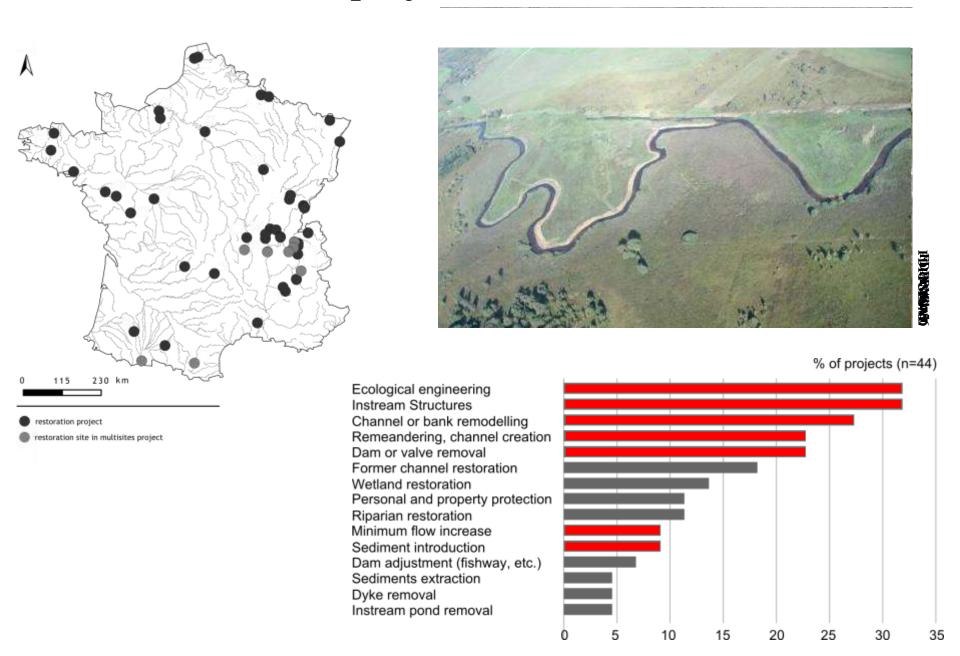


Context and aim of the study

- European WFD (2000) promotes river restoration
- More and more French river restoration projects
- Need to evaluate the effects and the success of these projects

Aim: provide feedback on the evaluation process of French river restoration projects

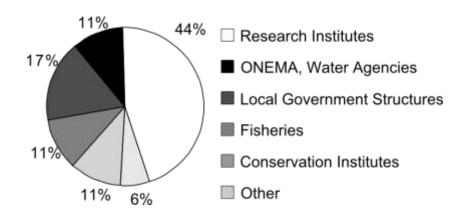
Studied restoration projects' characteristics



Materials and methods

Phone interviews (n=66)





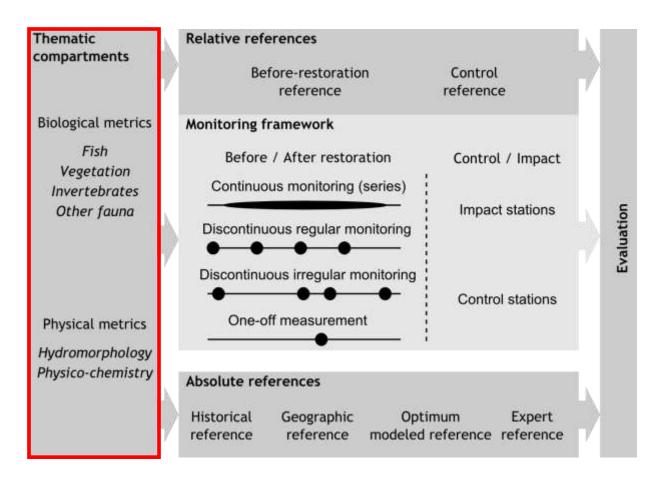
Documents analysis (n=325)

| | Scientific articles | Scientific reports | Thesis | Technical documents | | Communication documents | Total |
|----------------|------------------------|--------------------|--------|---------------------|----|-------------------------|-------|
| Easy to access | 16 | 21 | 1 | 10 | 8 | 55 | 111 |
| Hard to access | 0 | 103 | 8 | 88 | 15 | 0 | 214 |
| Total | 16 | 124 | 9 | 98 | 23 | 55 | 325 |

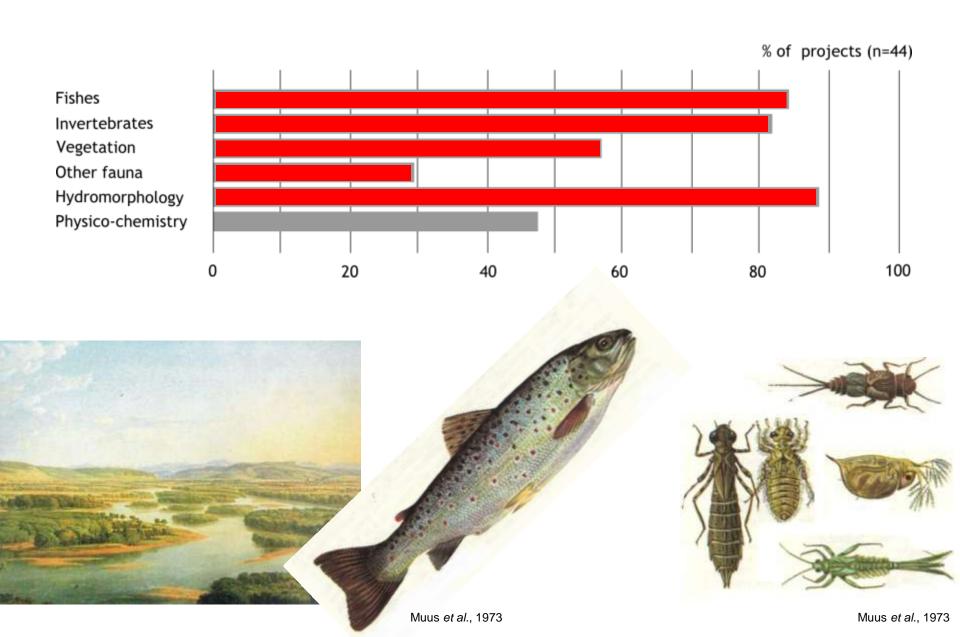


Framework for the assessment of evaluation and success

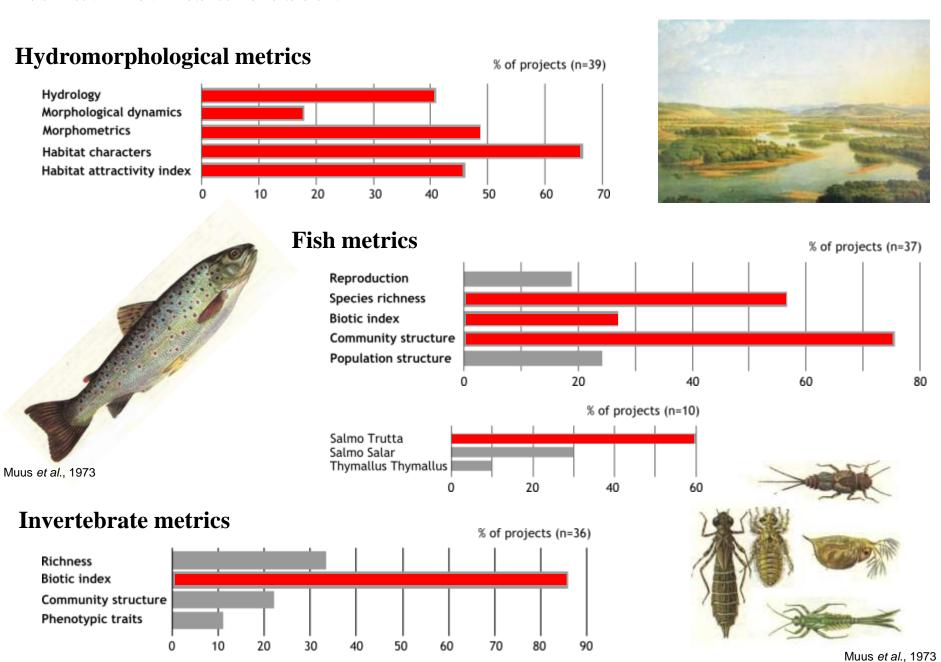
What are the evaluation objects and metrics used?



What are the evaluation objects?



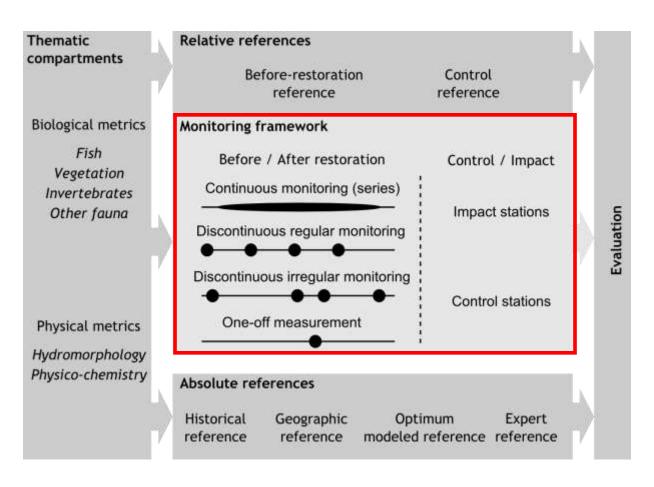
What metrics are used?



Framework for assessment of evaluation and success

What are the evaluation objects and metrics used?

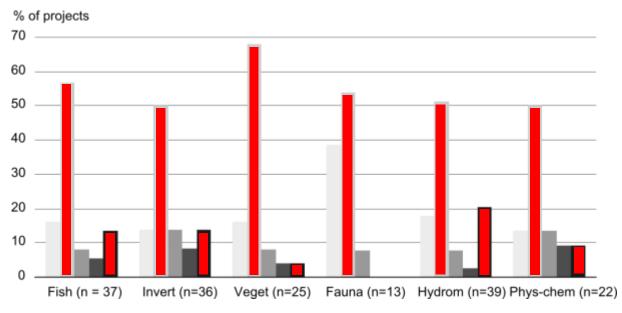
What are the monitoring frameworks?



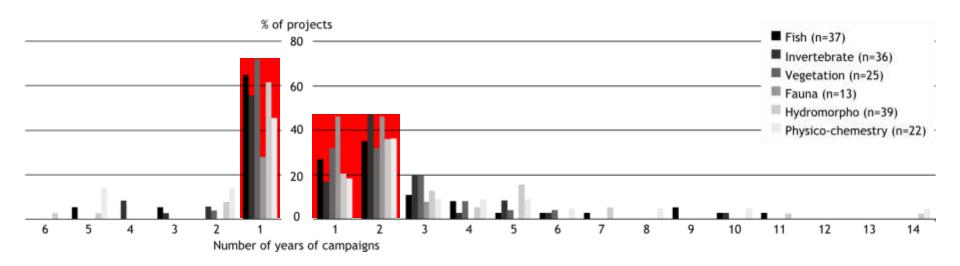
What are the monitoring frameworks?

Before / After / Control measurements





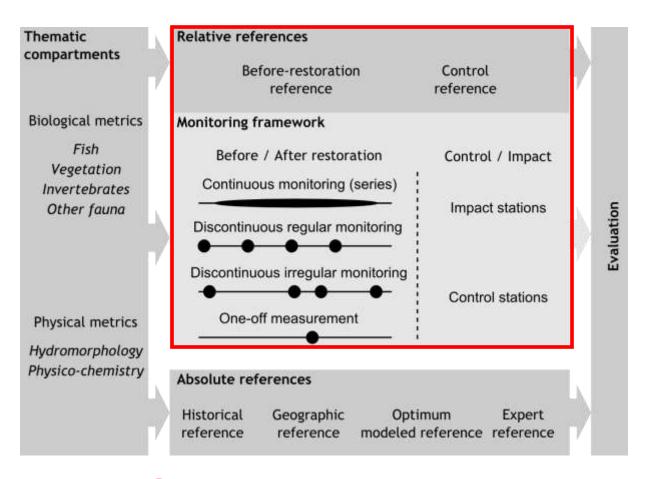
Before / After measurements timing



Framework for assessment of evaluation and success

What are the evaluation objects and metrics used?

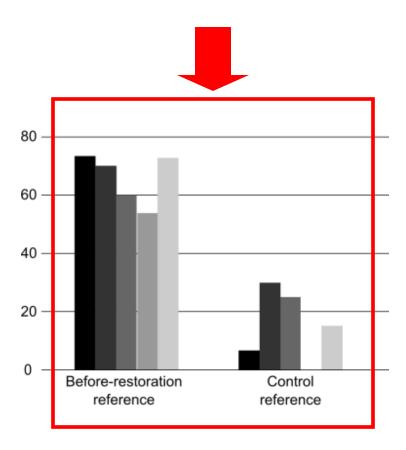
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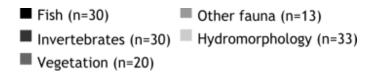


What references are used for evaluation?

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Relative references

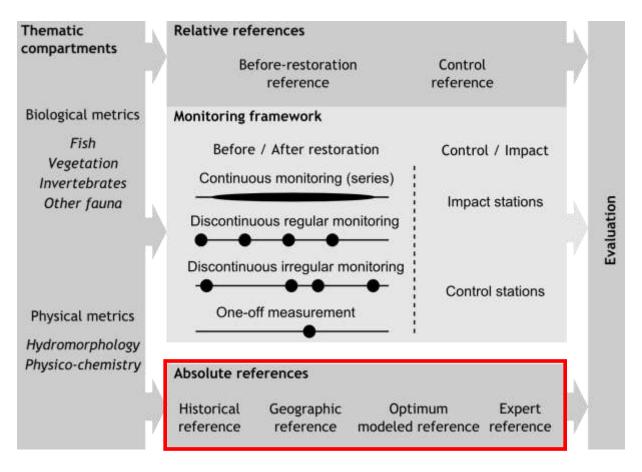




Framework for the evaluation and success assessment

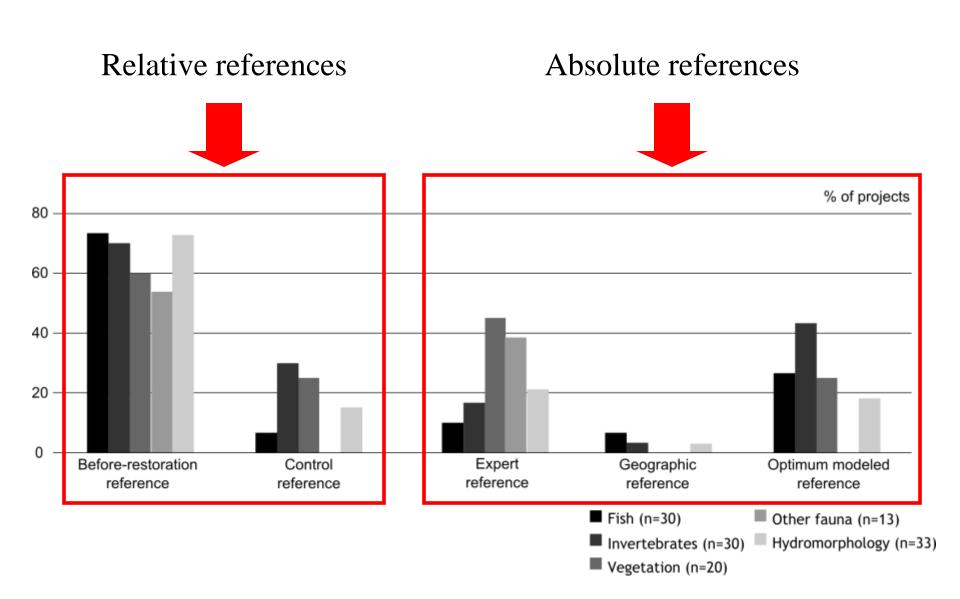
What are evaluation objects and metrics used?

What are the monitoring frameworks?



What are references used for evaluation?

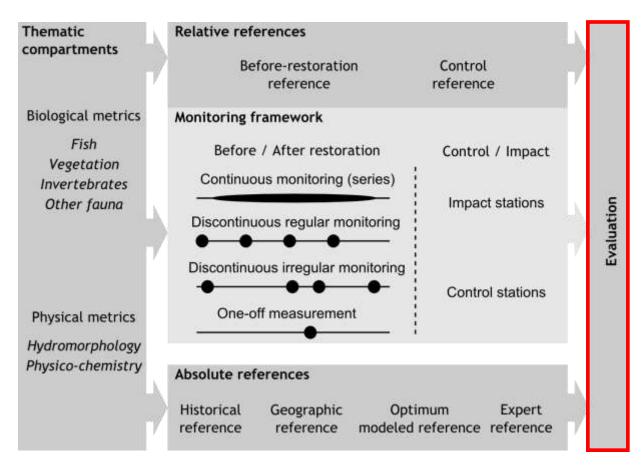
What are references used for evaluation?



Framework for the evaluation and success assessment

What are evaluation objects and metrics used?

What are the monitoring frameworks?

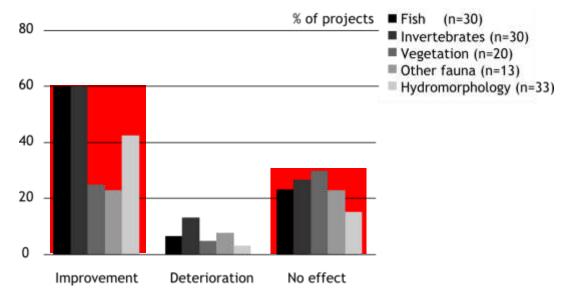


What are references used for evaluation?

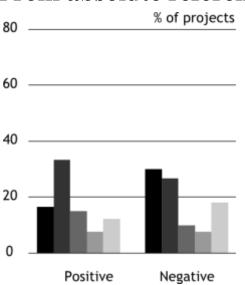
What are the results of evaluation?

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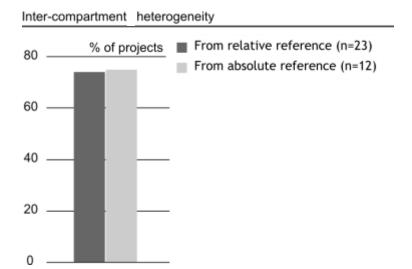
From relative references

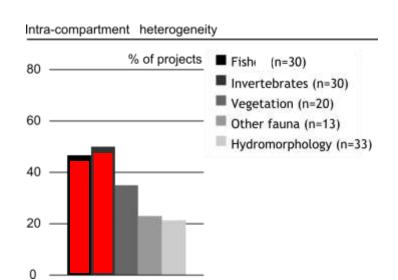


From absolute references



Heterogeneity of results





Conclusions and perspectives

A need to clearly define references for clear restoration objectives

A need to improve quality of monitoring in order to support reference comparison

Important to identify values behind references



Support policy strategy to better situate river restoration projects within an integrated river management approach

Thank you for your attention

Many thanks to our FORECASTER partners, ONEMA financers and all the scientists or stakeholders who took the time to answer to our solicitations.







