

Biodiversity Workshop

Knowledge self-assessment: before vs. after results

Overview

Workshop participants rated their own knowledge and experience (1 = no experience, 5 = expert / highly experienced) across three technical themes, once before the training and once after. This report compares the two rounds to measure the workshop's impact, both overall and by theme. Overall this workshop have a 54% improvement in 4 days as the average of the 3 areas.

Themes assessed:

- GEE — Google Earth Engine (basic platform use, code editor, geospatial data)
- RLE — Red List of Ecosystems workflow (assessment criteria, data prep, national evaluations)
- KMGB — Kunming-Montreal Global Biodiversity Framework indicators (interpretation, calculation, national reporting)

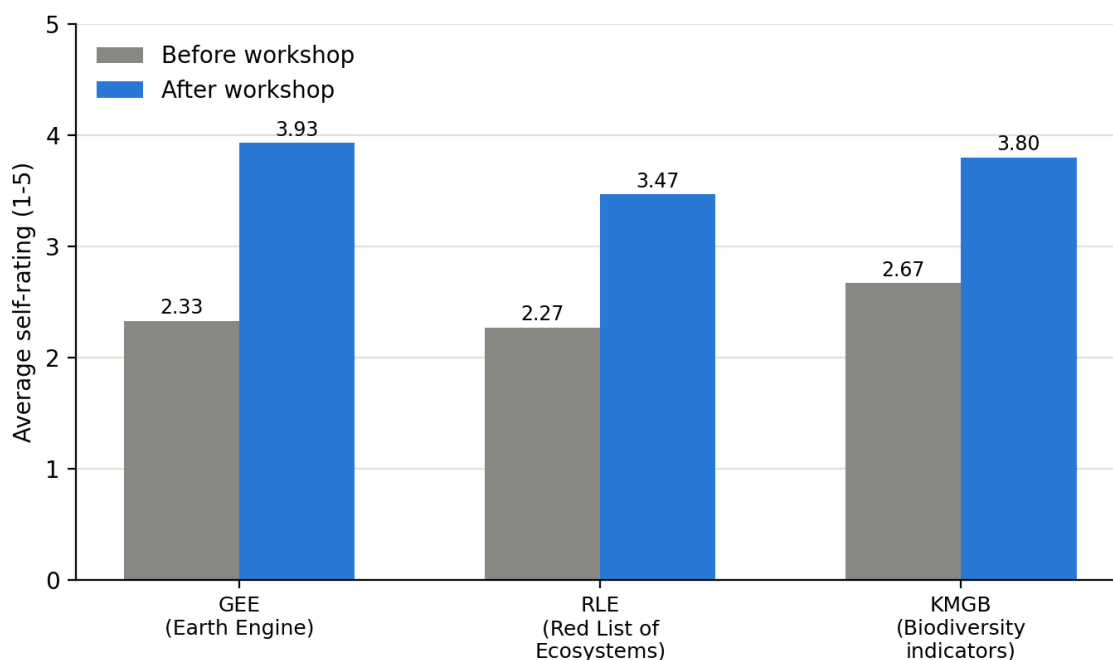
Participation

Group	Count
Completed initial survey	22
Completed final survey	19
Matched before/after (used for improvement analysis)	15
New respondents, final survey only	4
Initial respondents with no final survey on record	7

The improvement analysis below uses only the 15 people who can be matched by name across both surveys, so before/after figures reflect genuine individual change rather than a shift in who responded.

Results by theme

Theme	Before	After	Change	% change
GEE — Google Earth Engine	2.33	3.93	+1.60	+69%
RLE — Red List of Ecosystems	2.27	3.47	+1.20	+53%
KMGB — Biodiversity framework indicators	2.67	3.80	+1.13	+42%
Overall average	2.42	3.73	+1.31	+54%



Highlights

- Every one of the 15 matched participants improved — zero regressions.
- GEE saw the largest relative gain (+69%), moving from the weakest starting theme (2.33) to the strongest finishing theme (3.93), overtaking KMGB.
- KMGB started highest (2.67) and finished highest in absolute terms (3.80), but grew the least in percentage terms — participants arrived with more prior exposure to the biodiversity framework than to the technical GEE/RLE tools.

Individual results (matched participants)

Combined score across all three themes, out of 15. Sorted by largest improvement.

Participant	Institution	Before (/15)	After (/15)	Change
Manuel Custodio	Wilpa (Guatemala)	5	13	+8
Iván Marcelo	Min. Ambiente (Paraguay)	4	10	+6
Jessica Sánchez Laudoño	Inst. A. von Humboldt (Colombia)	4	9	+5
Luis Hernando Romero Jiménez	IAvH (Colombia)	8	13	+5
Oscar Sandino Guerrero Eloisa	CONABIO (México)	5	10	+5
Soledad Camacho	Min. Ambiente (Uruguay)	8	13	+5
Nerieth Goretti Leuro Robles	Instituto Humboldt (Colombia)	4	8	+4
Rodrigo Moreno	Instituto Humboldt (Colombia)	6	10	+4
Participant (DGBAP)	Min. Planificación (Bolivia)	6	10	+4
María Jessica Espinoza Villavicencio	SERNANP (Perú)	6	9	+3
Jessica Castillo	Chile	9	12	+3

Participant	Institution	Before (/15)	After (/15)	Change
Walter Andrés García Suabita	IAvH (Colombia)	12	14	+2
Vinicius de Sanzo Moraes	Min. Medio Ambiente (Brasil)	11	13	+2
Néstor Raúl Espino Delgado	Parques Nacionales (Colombia)	9	11	+2
Lina María Parada Alzate	IDEAM (Colombia)	12	13	+1

Notes

- Institution / country as self-reported on the form; a few names were reconciled across handwriting variants between the two surveys.
- One final-survey respondent noted they had not attended the full practical workshop; their results are included in the overall final-survey count but are not part of the matched-pairs analysis.
- One initial-survey respondent noted in advance they would not participate in the practical sessions.