

Supplementary methods

Further information on literature search

The following search string was applied to the titles, keywords, and abstracts of all sources in the Clarivate Analytics Web of Science Core Collection (latest search date 6th May 2021):

((indigenous OR local OR traditional OR customary OR rural OR aboriginal OR "native american" OR cultural OR swidden OR smallholder OR pasture OR pastor OR hunt* OR farm* OR agricultur* OR rangeland) AND (*fire NEAR/2 manage* OR *fire NEAR/2 use* OR *fire NEAR/2 knowledge* OR *fire NEAR/2 relationship* OR burn*)) OR ((indigenous NEAR/2 knowledge* OR local NEAR/2 knowledge* OR traditional NEAR/2 knowledge* OR "customary NEAR/2 knowledge") AND (*fire* OR burn*))*

The search results were filtered to include only sources classified into one or more of the following Web of Science Research Areas:

- Agricultural economics and policy
- Agriculture, multidisciplinary
- Agronomy
- Anthropology
- Area Studies
- Cultural Studies
- Development Studies
- Environmental Studies
- Ethnic studies
- Folklore
- Forestry
- Geography
- Humanities (multidisciplinary)
- Political Science
- Social Sciences, interdisciplinary
- Sociology
- Women's studies

The titles and abstracts of all material in the catalogue of the Fire Research Institute Library (available at <https://fireresearchinstitute.org/>) were searched using the following search string (latest search date 26th March 2021):

indigenous OR traditional OR customary OR rural OR aboriginal OR cultural OR swidden OR smallholder OR pasture OR pastoral OR hunt OR farm OR agriculture OR rangeland

LIFE database metadata

Supplementary Table 1 lays out in full the structure of the LIFE database and all codes used, but some additional clarifications are provided here. The first tab, entitled 'Source', details information about the sources from which data is included in the database. Each source was given a unique identifier (in column 'SID'). Where this identifier is a number only, this indicates that the source contributed singly to records in the other tabs of the spreadsheet. Where the identifier is a number and roman numeral (e.g. 3.i, 67.ii), this indicates that a source is one of several sources contributing jointly to records in the other tabs of the spreadsheet.

The second tab in the spreadsheet, entitled 'Case', provides contextual information about the case study location(s) reported upon in the source(s). Where a source provided data separately for case

studies in multiple locations, these were recorded as separate cases. Each case study was given a unique identifier (in column 'CID'), comprising a number and a letter. The numbers correspond to the numbers in the Source tab of the spreadsheet (e.g. case study 1.a draws on information in sources 1.i and 1.ii).

The third tab in the spreadsheet, entitled 'Fire practices', provides information about fire use and/or control practices in the case study locations. Each row in the tab relates to a different practice, as defined by the author(s) of the source(s). Each practice was given a unique identifier (in column 'FID'), comprising a number, letter, and a number. The first number corresponds to the numbers in the Source tab of the spreadsheet, and the letter to the relevant case study in the Case tab of the spreadsheet (e.g. Fire practice 1.a.1 draws on information in sources 1.i and 1.ii, and relates to case 1.a).