Call for Abstracts

Abstracts are currently being considered for inclusion in the following Methods Collection hosted by the Journal of Visualized Research (JoVE; https://www.jove.com/about).

Topic: Innovative methods of dietary assessment and analysis

Guest editors: Sabri Bromage, Teresa T. Fung, Sharon Kirkpatrick, Walter C. Willett

Scope: Methods for assessing and analyzing human diets are often costly, laborious, and require special training. As a result, most countries do not regularly conduct diet surveys; only 36% of surveys are nationally-representative, and only 38% include pregnant and nursing women. Furthermore, less than half of countries have national food composition data, much of which are outdated. Poor diets are the leading cause of death globally, and a lack of quality data poses a challenge to evidence-based efforts for improving diets, particularly in low- and middle-income countries where research infrastructure is often limited, and where 84% of diet-related deaths occur.

This collection will describe novel methods, tools, and datasets that facilitate assessment and analysis of diet and food consumption. Articles describing economical methods that may be used in or applied to limited-resource settings are encouraged. Articles may describe:

1. How innovative dietary assessment methods, instruments, or technologies may be developed, validated, taught, collected, or integrated in existing platforms, OR;

2. Application of novel software or statistical methods for: compilation or use of food composition data, analysis of diet quality or diet patterns, prediction of food or nutrient intake, the translation of dietary data to the formulation of empirical strategies, or guidance for improving diet and nutrition, OR;

3. Methods for applying nonconventional datasets (e.g. household consumption and expenditure, food balance, commercial datasets, geospatial data, or agriculture and other food systems data) to the analysis of diet, diet quality, and food security.

How to submit an abstract: Please go to the following link and click “Submit Abstract”: https://www.jove.com/methods-collections/284/innovative-methods-of-dietary-assessment-and-analysis. Guest editors will determine if your abstract is appropriate for inclusion based on the collection scope.

Publication process: Authors of accepted abstracts will be invited to submit a manuscript, which will undergo external peer review. Authors of accepted manuscripts will then be invited to submit a video to be published alongside the manuscript. JoVE’s professional scriptwriters will work with you to adapt your method to a video script. For an added fee, videos may be produced by a professional videographer within JoVE’s network (https://www.jove.com/files/JoVE_Videographer_Network.pdf); alternatively, you may produce your own video if you are outside of the network or do not wish to pay the fee. Videos may describe software methods (in that case, screen output may be recorded). The collection will be launched after at least 5 articles have been accepted, and will continue to accept articles on a rolling basis.

More information about JoVE’s publishing process: https://www.jove.com/publish

Information about fees: https://www.jove.com/publish/editorial-policies. JoVE offers a 50% discount to researchers receiving 50% or more of their funding from Brazil, Mexico, Poland, South Africa, or Turkey.

For papers describing validation or application of novel diet methods: Please see the following call for abstracts: https://scholar.harvard.edu/files/sabri/files/call_for_abstracts_plos_validation.pdf.

For inquiries: sbromage@mail.harvard.edu.