

## **[Call for Abstracts: Innovative Methods in Dietary Assessment and Analysis \(Journal of Visualized Experiments\)](#)**

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Type:

Call for Papers

Subject Fields:

Public Health, Research and Methodology, Health and Health Care

**We are excited to announce a new Methods Collection at the Journal of Visualized Research (JoVE), the leading peer-reviewed, PubMed-indexed video methods journal (<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

**Background:** 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 Furthermore, fewer than half of countries have national food composition data, much of which are outdated. Dietary risks are the leading contributor to mortality globally, and a sparsity of high quality diet data poses a serious challenge to developing 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.

**Scope:** This collection will serve as a seminal video record of novel methods, tools, and datasets that facilitate assessment and analysis of human diet and food consumption, and aims to set the standard for reproducibility within the community for years to come. Articles may describe quantitative or qualitative methods geared toward a range of applications, including clinical, epidemiologic, programmatic, and policy ones. Methods geared toward 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: e.g. 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 research would be appropriate for inclusion based on the collection scope. There is no deadline for submissions. You are welcome to submit multiple abstracts.

**Publication process** (<https://www.jove.com/publish>): 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 videographer in JoVE's network ([https://www.jove.com/files/JoVE\\_Videographer\\_Network.pdf](https://www.jove.com/files/JoVE_Videographer_Network.pdf)), or you may produce your own video if you are outside of the network or do not wish to pay the fee. Videos may depict methods that involve the use of software (in that case, the screen output of the computer or device may be recorded as the author explains the method and demonstrates its use). The collection will be launched after five articles are accepted, and will continue to accept articles on a rolling basis thereafter.

**Information about fees:** <https://www.jove.com/publish/editorial-policies>. For standard access, the fee is 1200 USD for videos produced authors or 2400 USD for those produced by JoVE. Authors receiving 50% or more of their funding from Brazil, Mexico, Poland, South Africa, or Turkey are eligible for a 50% discount.

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