Digital Genres and Open Science



Video Publications

Video Publications (VP) hosted on the <u>Latest Thinking website</u> are **brief video summaries** aimed at **recontextualizing one or several published research articles** which are also accessible through the website together with the researchers' and the institution biodata.

They include **tailored or simplified scientific content** for the assumed knowledge of potential viewers which integrates with publications in scientific journals. VP are employed as a mechanism to communicate with the scientific community and appeal the general or lay public.

The **typical rhetorical structure** of a VP includes five moves in the shape of questions:

- What is your research question? (stating the social problem or challenge they are contributing to solve)
- Which method did you employ? (outlining methods, avoiding delving on the data sources and analytical procedures)
- What are your findings? (reporting, exemplifying results with a didactic style)
- What is the relevance of your findings? (guiding viewers towards a perceived relevance of the reported research, aligning the researcher with the audience in the need for investigation).
- Your outlook for the future (presenting researchers aiming to acquire new insights and advancements to solve a problem or socially relevant challenge).

The main **rhetorical features** of these VP are:

- Simplification strategies: to tailor or simplify information to the assumed knowledge of potential viewers (using non-specialized terminology, simile, reformulation, exemplification, etc.)
- Strategies to construct an authorial persona: to construct the researchers' credibility and authority (positive verbal evaluation of their research, hedges to express researcher's plausible reasoning, use of exclusive personal pronouns "we, I", etc.)
- Bonding strategies: to bond with the viewers and guide them towards a common perceived relevance (Inclusive "we", reference to viewers ("you, your"), rhetorical questions, verbal expression of feelings or emotional reactions, lists of uses and applications, etc.)









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These strategies can be performed through the **orchestration of various semiotic modes**: the principal multimodal combination comprises the verbal mode used by the researchers in their oral discourse and still images appearing on the right-hand side of the screen. **Visual and verbal** resources are combined to ensure that the content presented is not only comprehensible but also engaging for the audience.

Click to access two examples of Video publications:

- <u>https://lt.org/publication/how-can-artificial-intelligence-enhance-our-understanding-earth-system</u>
- <u>https://lt.org/publication/do-land-management-changes-have-effects-climate-large-land-cover-changes?list=4158</u>



- Velilla, M. A. (2023). "Let me just give you one example": Academic Video Publications or how to promote scientific work without trivialising it. *40th International Conference of the Spanish Society of Applied Linguistics (AESLA)*. 26th-28th April 2023. Mérida, Spain.
- Velilla, M.A. & Fage-Butler, A. (2024). Scientists as Engaged and Engaging: Investigating the Scientific Discourse about Climate Change in the Website Latest Thinking. Twentieth International Conference on Technology, Knowledge, and Society. 7-8 March 2024, Valencia, Spain.
- Velilla, M. A. (Forthcoming). Recontextualizing Knowledge in Academic Video Publications: A Discourse Analysis of Multimodal Science Dissemination. *Journal of Pragmatics and Society*.







