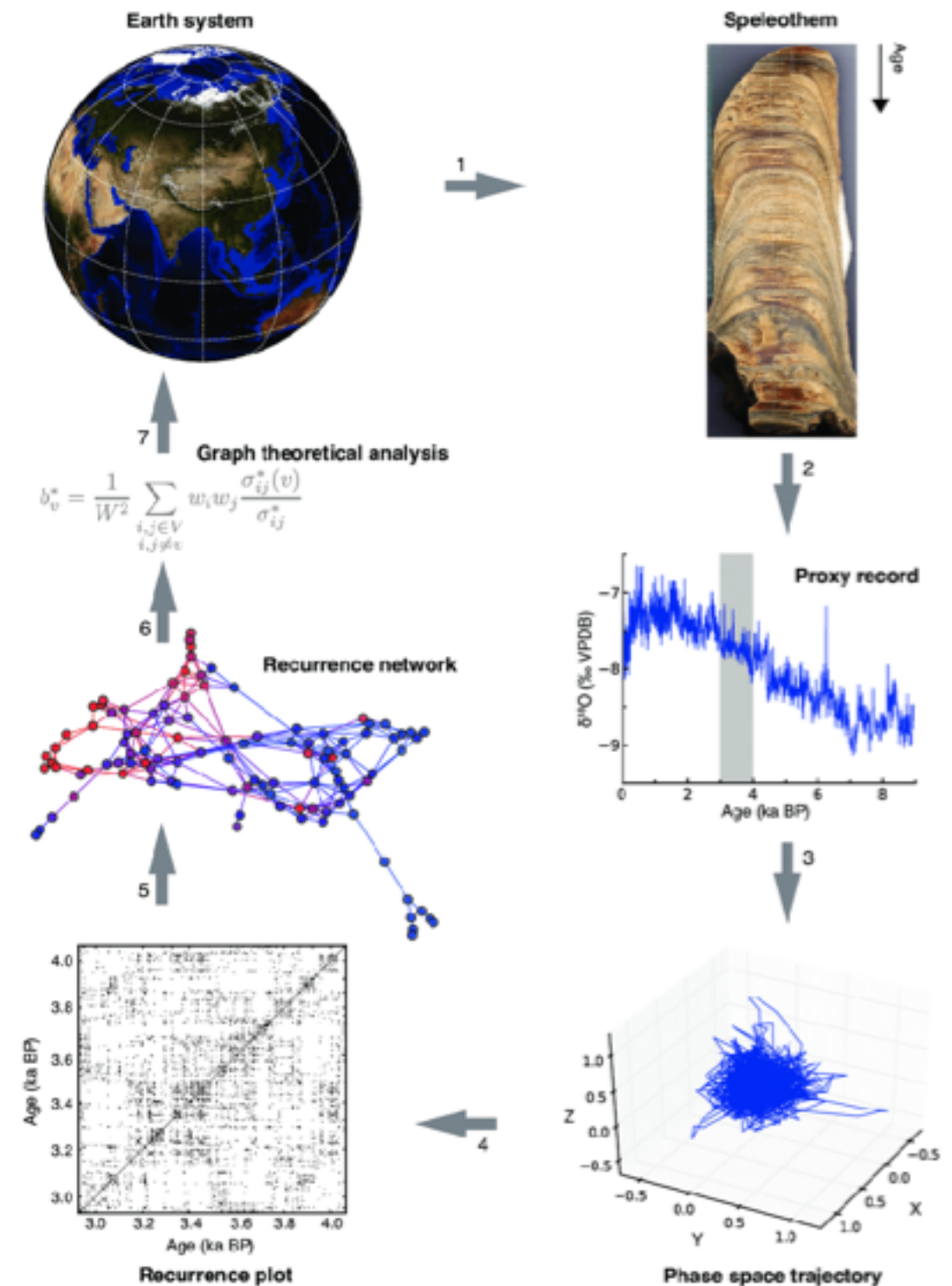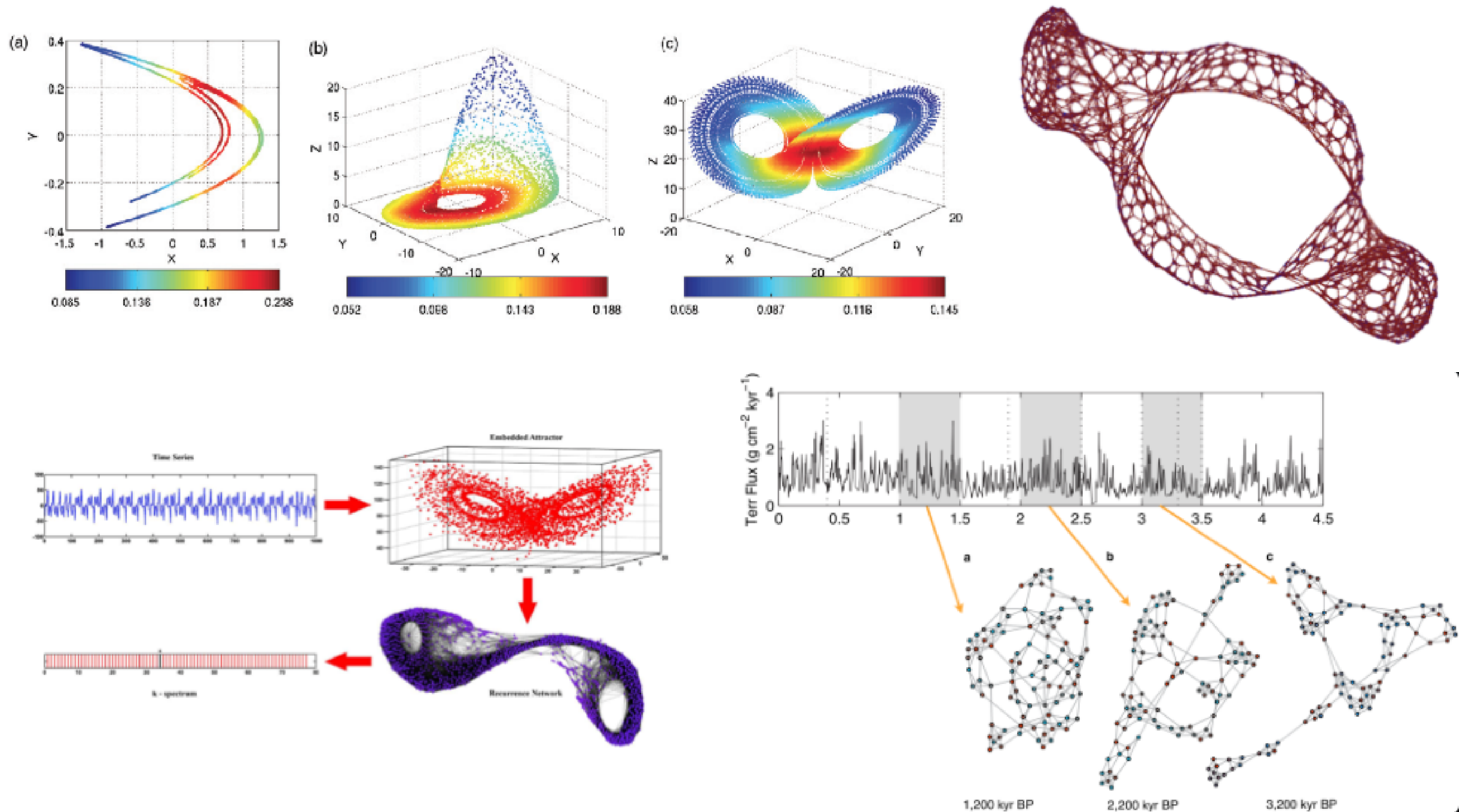# Recurrence/Incidence/Adjacency Matrix

- Time points are nodes (vertices)

- Nodes are connected by lines (edges) if they recur at some later point in time

- Network measures can be interpreted as quantifying aspects of the temporal dynamics, some are equivalent to RQA measures… some are different (e.g. weighted and/or directed network measures)

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Recurrence/Incidence/Adjacency Matrix

Small, M., Zhang, J., & Xu, X. (2009). Transforming time series into complex networks. Complex Sciences, 2078–2089.

Jacob, R., Harikrishnan, K. P., Misra, R., & Ambika, G. (2015). How does noise affect the structure of a chaotic attractor: A recurrence network perspective. *arXiv preprint arXiv:1508.02724*.

https://www.uu.nl/en/events/clue-training-7-pyunicorn-complex-network-and-recurrence-analysis-toolbox