

## **Digital Humanities Research in the Study of Environmental History-- Probing to methodology**

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The field of digital humanities is transforming teaching inside academia, but it is also making substantial contributions in research. Since the methods and tools of digital humanity are in their infancy compared to traditional scholarly methodologies, many digital humanists actively work to share their digital data, methods, and toolsets with others to encourage their spread and the understanding of their impact. To apply the digital tools, historians of medicine may use data visualization tools to convey complex data to audiences. A case in point is the Text Encoding Initiative (TEI), a mature, open standard backed by a consortium of scholars that has developed a rich XML-based language for encoding texts and annotating them. If you are interested in the history of medicine, then you know that it is common that many different terms have been used to refer to a single illness or environmental condition. If you have many texts, you can tag each instance of an illness and link them together. By probing some discussions of methodology, this paper aims to introduce the latest advances in embracing methods that will help raise the profile of environmental studies on historical context and that will help continuing to attract new talent to the field.