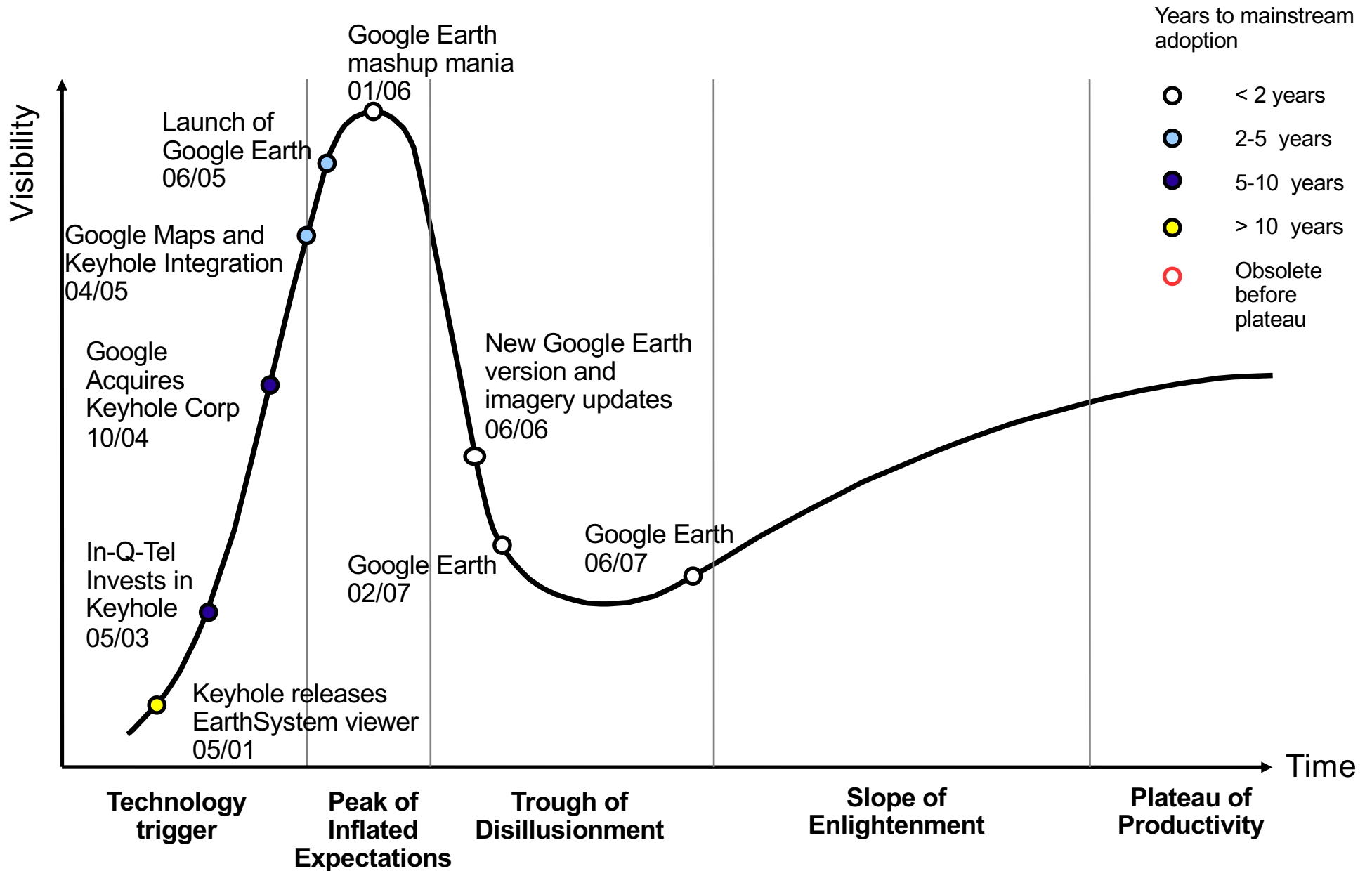


Hype Cycles Phases

- "Technology Trigger"
 - The first phase of a Hype Cycle is the "technology trigger" or breakthrough, product launch or other event that generates significant press and interest.
- "Peak of Inflated Expectations"
 - In the next phase, a frenzy of publicity typically generates over-enthusiasm and unrealistic expectations. There may be some successful applications of a technology, but there are typically more failures.
- "Trough of Disillusionment"
 - Technologies enter the "trough of disillusionment" because they fail to meet expectations and quickly become unfashionable. Consequently, the press usually abandons the topic and the technology.
 - Less visibility. More users.
- "Slope of Enlightenment"
 - Although the press may have stopped covering the technology, some businesses continue through the "slope of enlightenment" and experiment to understand the benefits and practical application of the technology.
- "Plateau of Productivity"
 - A technology reaches the "plateau of productivity" as the benefits of it become widely demonstrated and accepted. The technology becomes increasingly stable and evolves in second and third generations. The final height of the plateau varies according to whether the technology is broadly applicable or benefits only a niche market

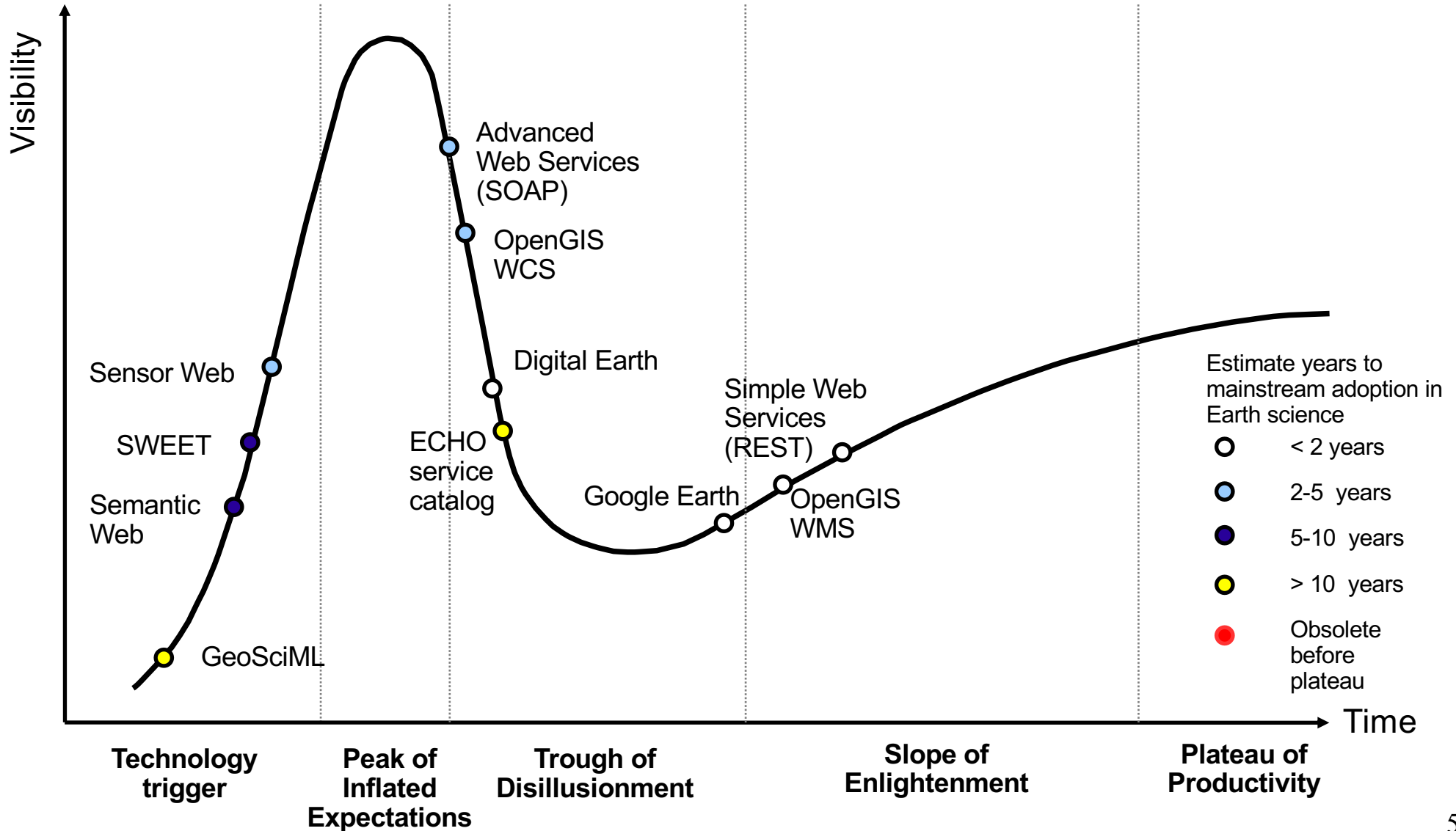
Google Earth 'Hype Cycle'



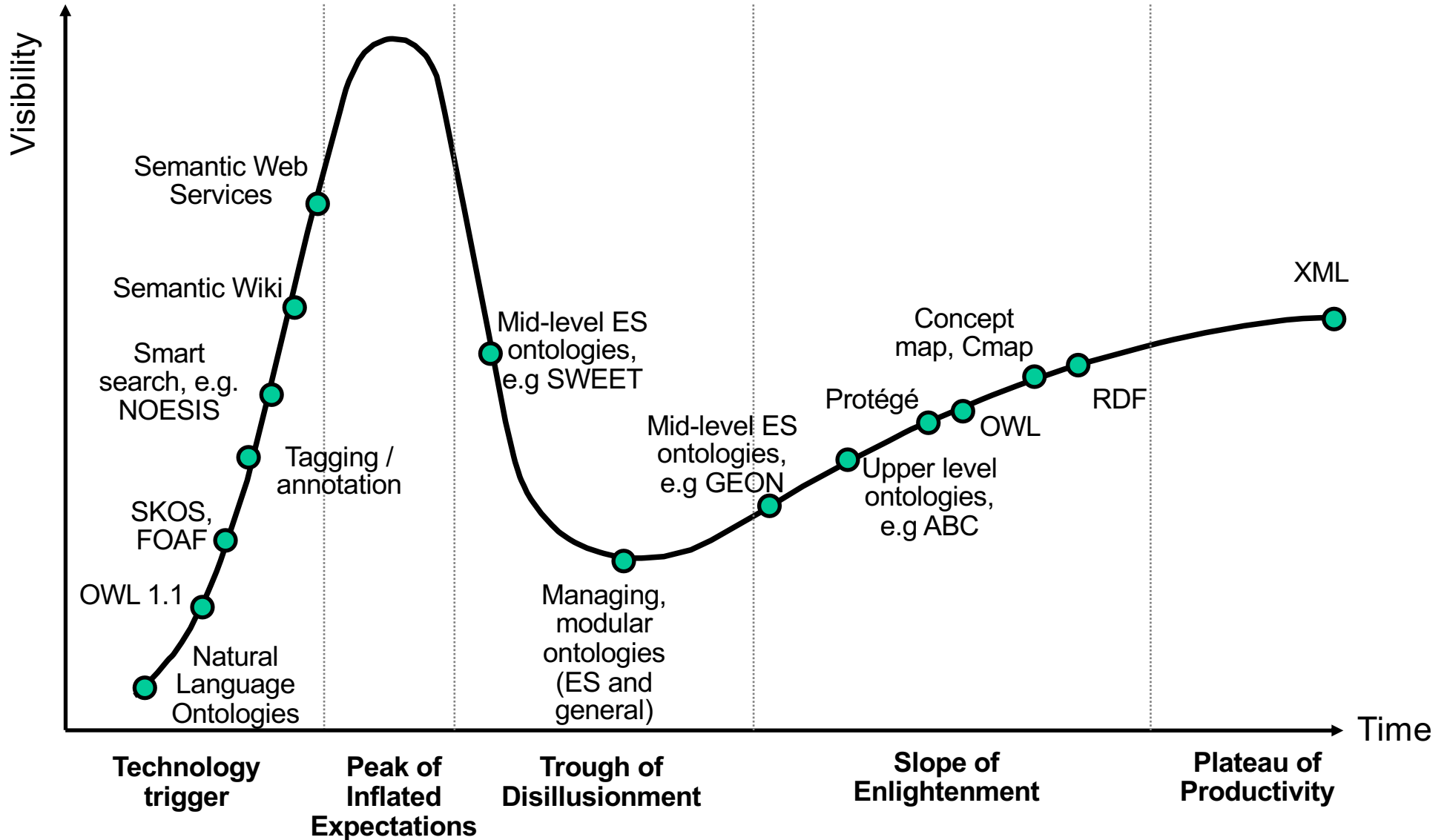
Placement on the Hype Cycle

- **Maturity**
 - Technical completeness / operational readiness
 - 'Widespread' use in production applications
- **Visibility (examples)**
 - References in conference presentations / papers
 - Number of press / journal articles
 - Inclusions in proposals for funding
- **Rate of progression**
 - How to estimate projected rate of adoption?
- **Not Shown / Outside scope of hype cycle**
 - Relevance/importance to Earth science community
 - How many places the technology is being used

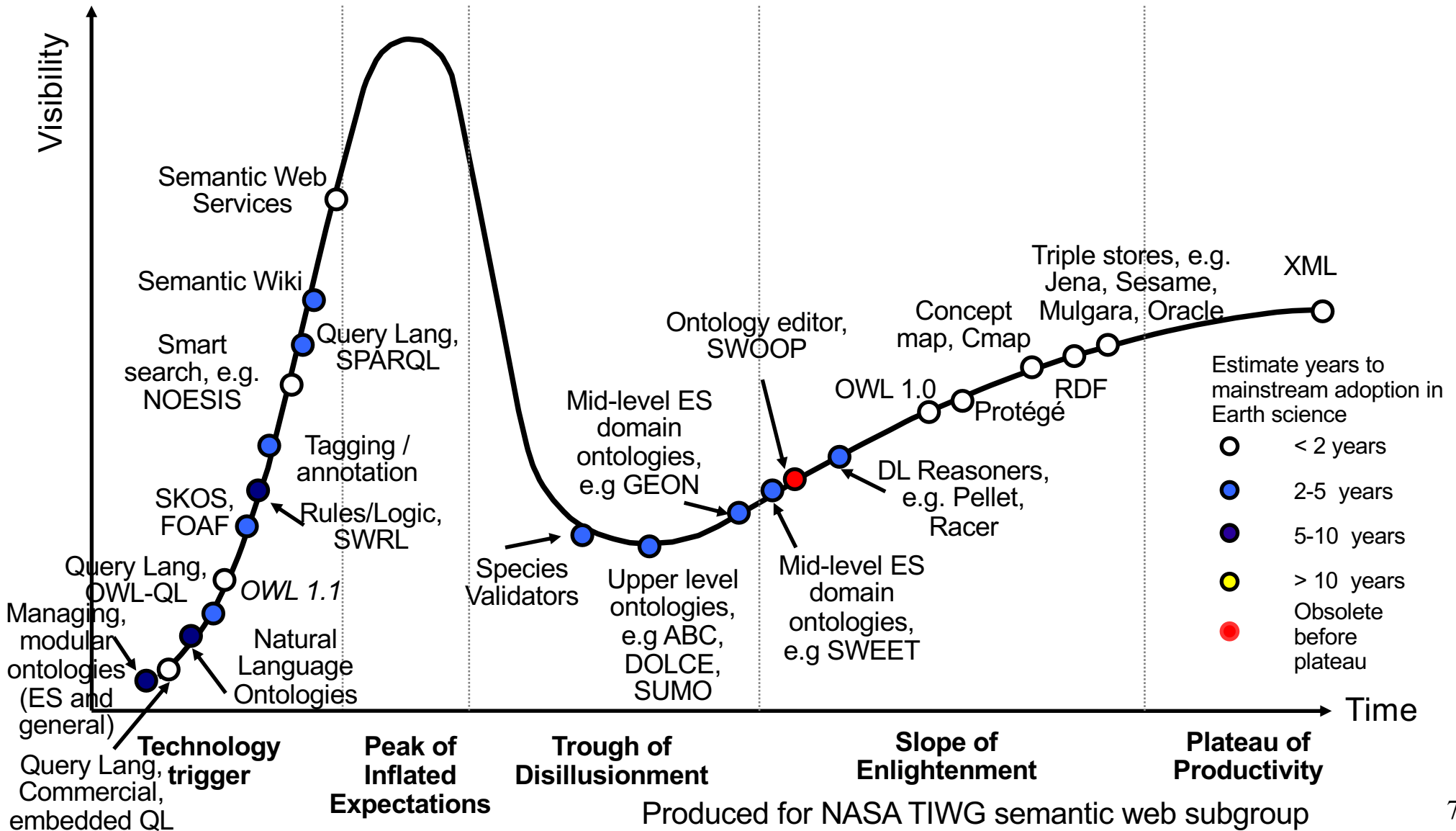
2007 Hype Cycle for Emerging Earth Science Technologies v0.3



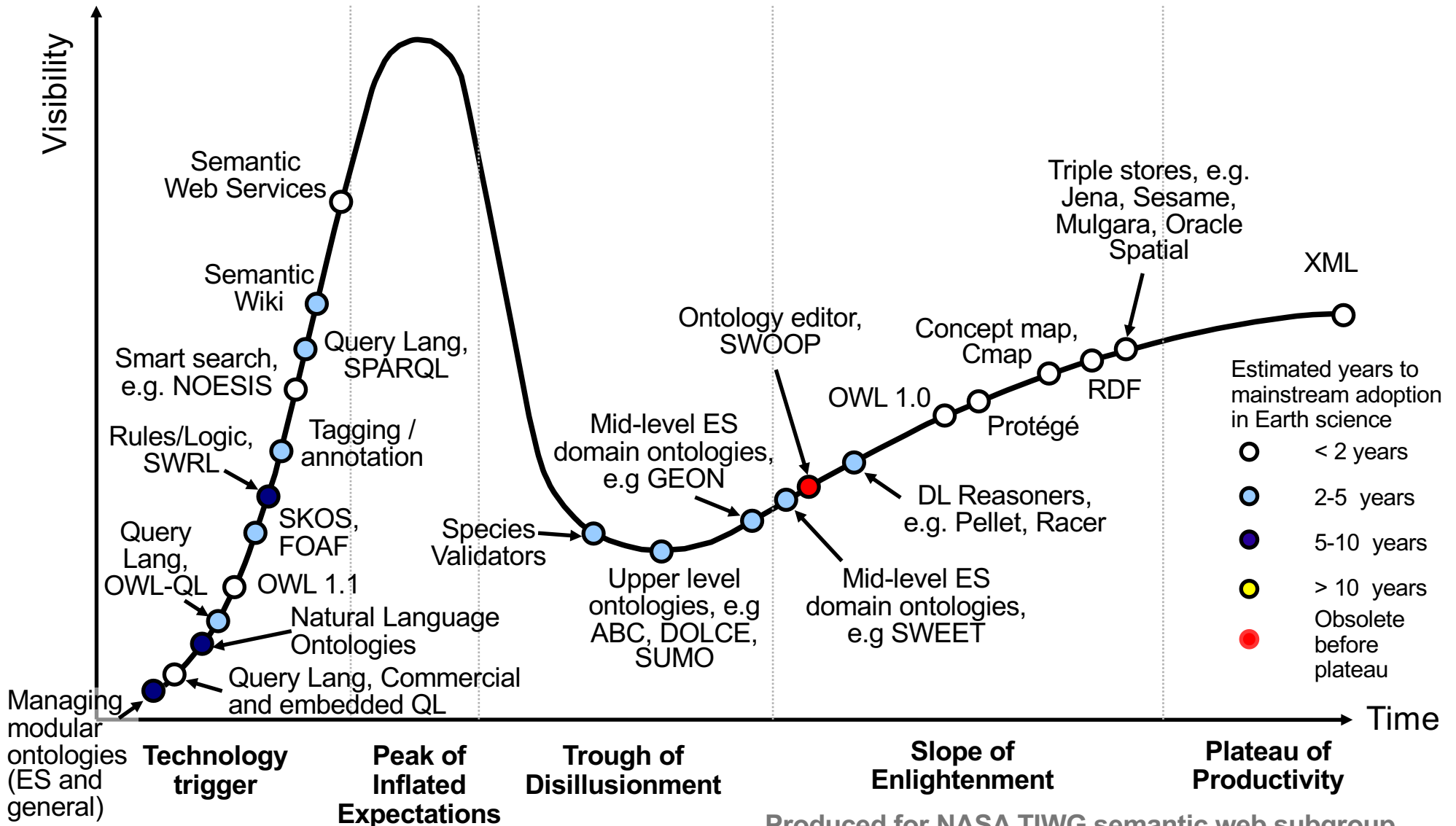
2007 Hype Cycle for Emerging Semantic Web Technologies v0.1



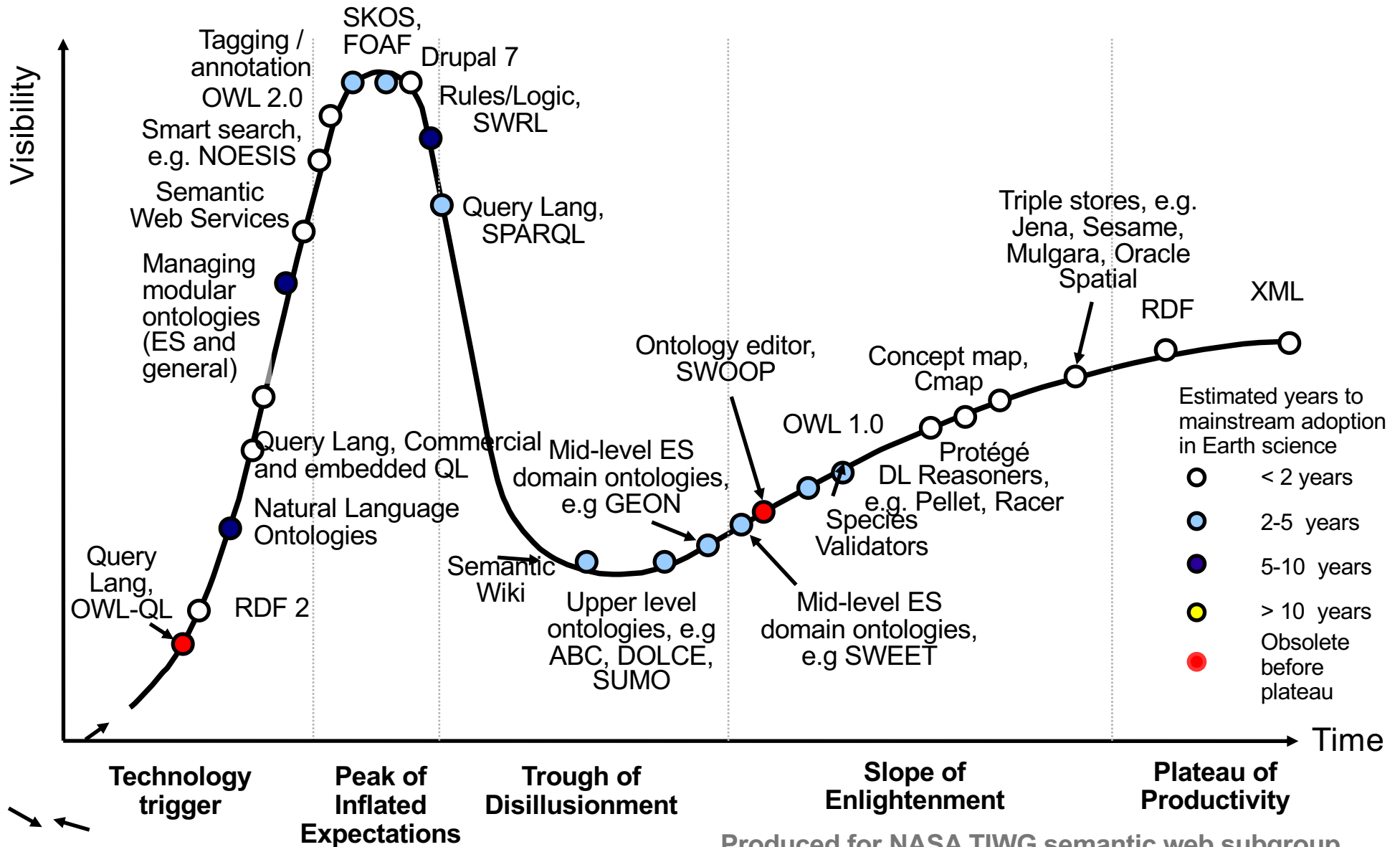
2007-2008 Hype Cycle for Emerging Semantic Web Technologies v0.6



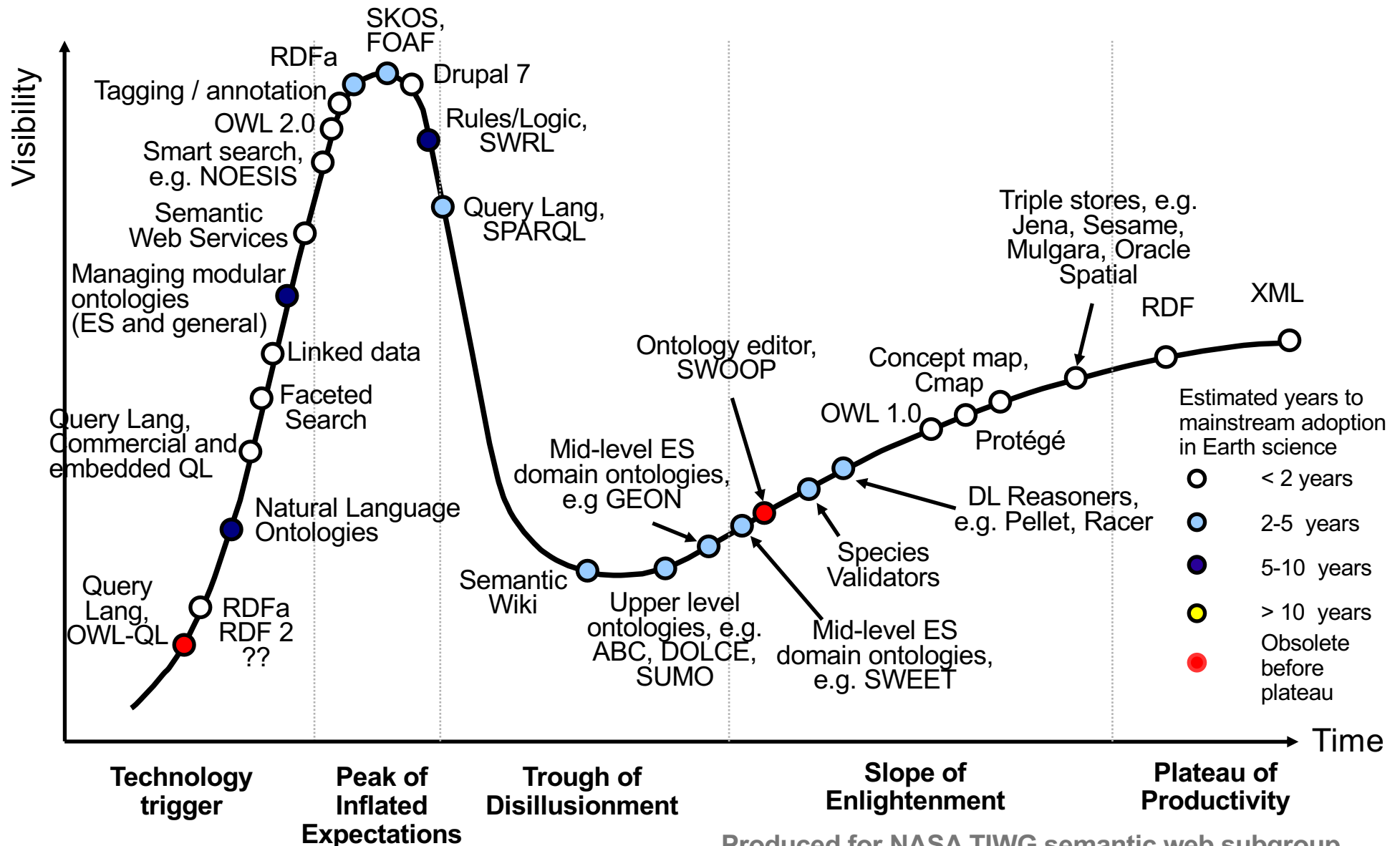
2007-2008 Hype Cycle for Emerging Semantic Web Technologies v0.7



2010-2011 Hype Cycle for Emerging Semantic Web Technologies v0.8



2010-2011 Hype Cycle for Emerging Semantic Web Technologies v0.81



2018? Draft Hype Cycle for Semantic Web Technologies v0.9

