



P-TRAP

Diffuse phosphorus input to surface waters
- New concepts in removal, recycling and management -

Sylvia Walter, Thilo Behrends, and the P-TRAP team
Utrecht University, The Netherlands

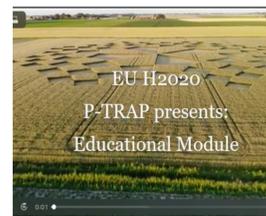



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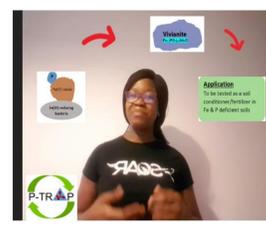
Want to learn more about P-TRAP?



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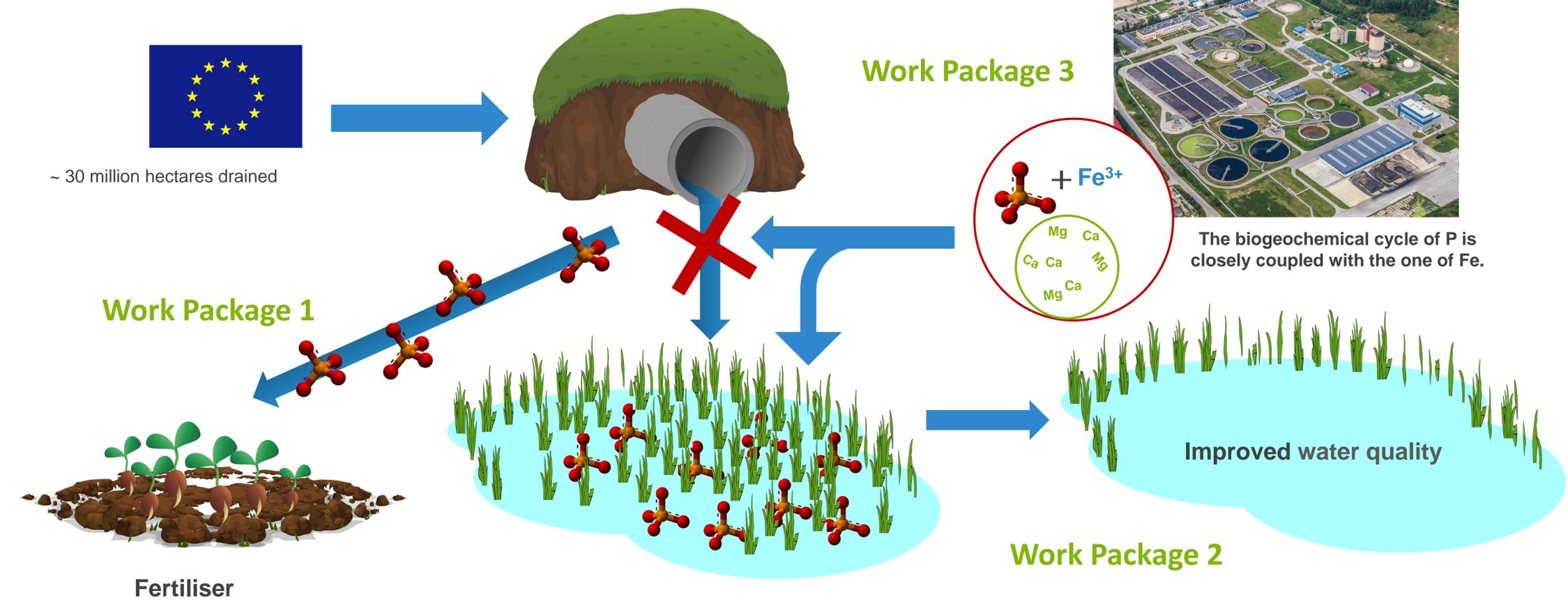
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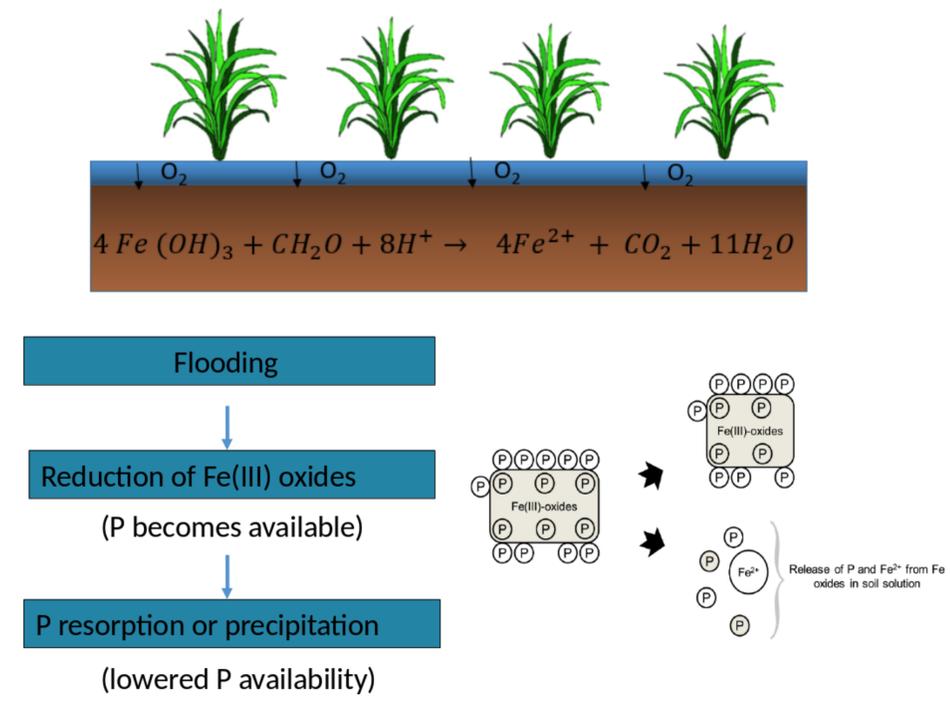
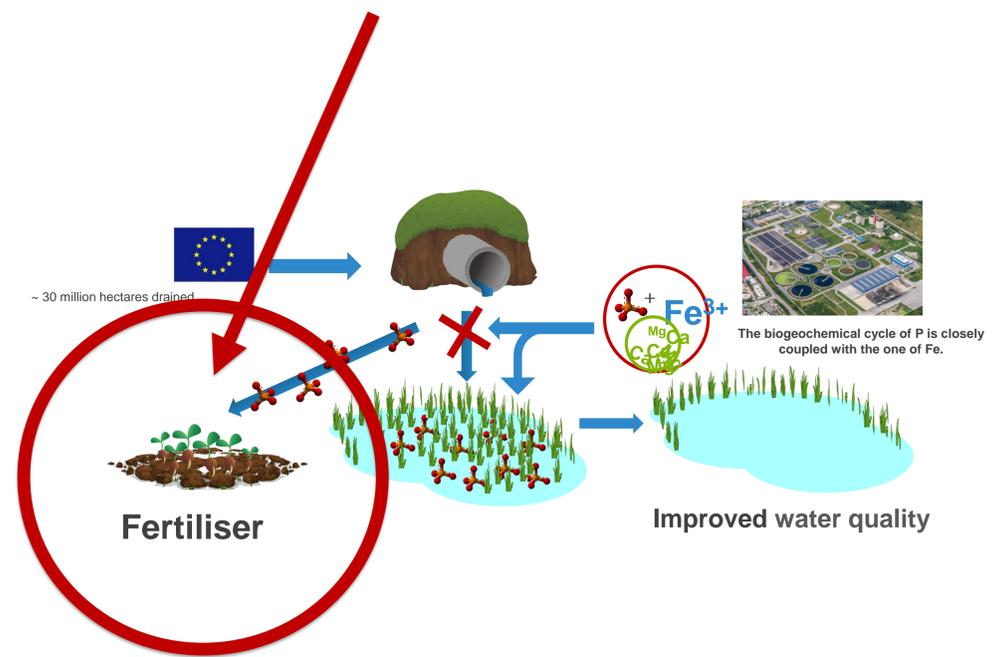
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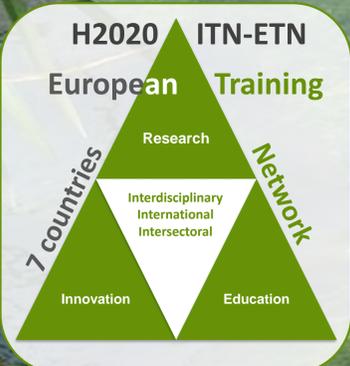
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Rochelle Joie Saracanlao (KU Leuven, Belgium)

Effect of applying vivianite and P-loaded Fe oxides on P bioavailability and dynamics in soils





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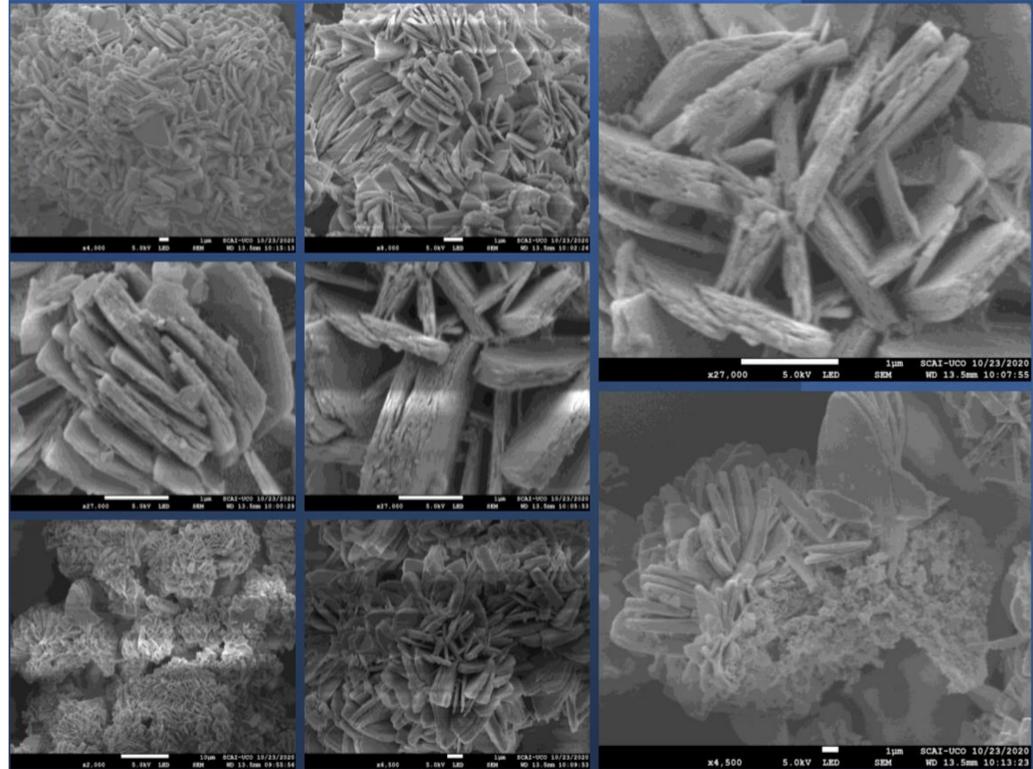
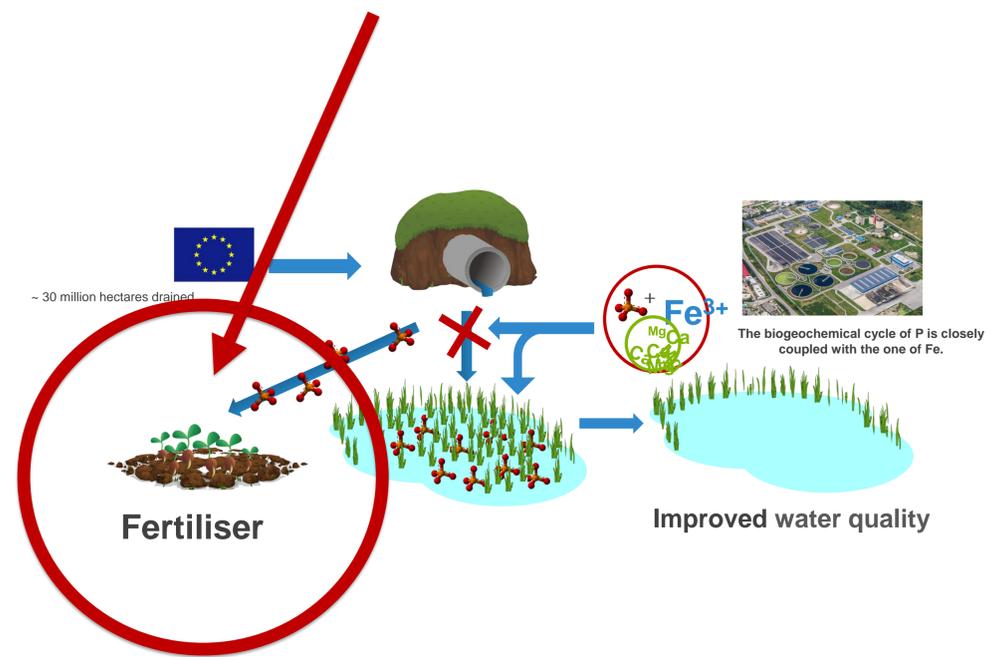
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Tolulope Ayeyemi (Universidad de Sevilla, Spain)

Effectiveness of vivianite as a sustainable phosphorus and iron fertilizer for agricultural crops



Impact / results

- develop soil-specific recommendations on Fe/P fertilizer applications
- estimate increased crop yield and quality
- characterise transformation products from applied Fe-P minerals

Characterization of vivianite by Electron microscopy

Differences in the degree of crystallinity of materials may lead to different dissolution rate and perhaps to a different effect in supplying P to plants.

