



## University of Groningen

## Biological Oxygen-dosed Activated Carbon (BODAC) Technology

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## Propositions to accompany the PhD thesis

## Biological Oxygen-dosed Activated Carbon (BODAC) Technology

- Exploring the potential of a bioprocess for the simultaneous removal of organics, metals, and micropollutants in wastewater reclamation practice"



- 1. Multidisciplinary research, especially one involving micropollutants and Microbiology, is exciting but also laborious, costly, and time-consuming (*This thesis*).
- 2. In scientific publications, the materials and methods section should be regarded as equally important as the results and discussion section (*This thesis*).
- 3. Having a lot of data is important, but context and appropriate data processing are also necessary to convert data into insightful information (*This thesis*).
- 4. "Negative" results mean "reject the null hypothesis" and not "bad" results (This thesis).
- 5. Properly learning Chemistry in high school and Statistics at any educational level is one of the best time investments to pursue a STEM career (*This thesis*).
- 6. Luck also plays a vital role in scientific discovery (*This thesis*).
- 7. Open science does not equal open-access publications. Besides scientific integrity, scientists should understand what encompasses open science practice.
- 8. One hobby a day keeps the burnout at bay.
- Miscommunication often occurs not due to the lack of effort to communicate but lack of comprehension.
- 10. When doing a PhD, the main focus should be building competence, character, and commitment. The PhD candidate, as a person, should be the most valuable output of the PhD and worth more than just their project.
- 11. Work hard for your satisfaction and be the first to respect your hard work regardless of the results and others' opinions.
- 12. PhDs in their 2<sup>nd</sup> and 3<sup>rd</sup> year should be given priority for a contract extension in the face of calamities, especially those that resulted in prolonged lab closure (i.e., hacking, pandemic, explosions, etc.).
- 13. Do not overstay in a place where your presence and contribution are not appreciated. When a flower does not bloom, you need to fix its environment, not change the flower (Alexander Den Heijer).