

Intensification & Dérèglement Physico-Chimique – grandes lignes pour les travaux des groupes

UNEP (2012) Global chemicals outlook: synthesis report for decision-makers.
<http://wedocs.unep.org/handle/20.500.11822/8264>

Utile pour tous de lire l'introduction du rapport (pp xiii-xvii).

Subjects for students

Effective work: Each conceptual subject is to be associated with literature scans on a given chemical category (cf tables; make your group choice) to update the information and evaluate problems and solutions

1. The planetary health concept and metaphor. What principles / values and indicators for ecological and societal transitions ?

Whitmee S, Haines A, Beyrer C, et al., Safeguarding human health in the Anthropoceneepoch: report of The Rockefeller Foundation. Lancet Commission on planetary health. Lancet 2015;386(10007): 1973–2028.

Acunzo D, Escher G, Ottersen OP et al. Framing planetary health: Arguing for research-centred science. Lancet Planetary Health 2018; 2: e101-e102

Inventaire indicateurs: synthèse + détails santé, social, écologique par Léo Mouillard Lample (étudiant M2 Bio)

lien: <http://institutmichelserres.ens-lyon.fr/spip.php?article572>

ensuite => Atelier complexité - Enjeux numériques et juridiques – Indicateurs (les 4 pdf)

2. Indicators and trends in chemical industries (production, transport, use, disposal) and associated health and environmental impacts

PNUE 2012, Chapitre I (surtout pp 5-11 et 45-66)

3. Costs of inaction and cost benefits of action (economic to public health implications)

PNUE 2012, Chapitre II (96-148; cibler 117-148)

4. Instruments and approaches, including safer alternatives to use chemicals, for sound management of chemicals.

PNUE 2012, Chapitre III (179-220);

A partir des *instruments, Methods and tools* (pp 184-196) tenter d'élaborer un protocole général de bonnes pratiques.

5. Objectives 2020 (SAICM), Johannesburg plan of implementation goals 2020 (SAICM) - « chemicals will be produced and used in ways that minimize significant adverse impacts on environment and human health » statement.

http://www.saicm.org/Portals/12/Documents/SAICM_Brochure-2015.pdf

<http://www.saicm.org/Implementation/Reporting/tabid/5462/Default.aspx> (en parcourant

<http://www.saicm.org/Portals/12/Documents/reporting/k1403579-eowg2-inf4-second-progress-report.pdf>)

6. Recommendations (general and specific) UNEP 2012

Do they contribute to a shift of developmental system or define a green economy platform only? For example, by encouraging a change from a fragmented sector-by-sector chemical management to a cross-sectoral participative and partnership based proactive (rather than reactive) approach.

PNUE 2012, Chapitre III (221-230). En partant de là, vous pouvez creuser la dimension juridique en vous inspirant des éléments proposés pp 201-206.

(Question à garder à l'esprit: une économie 100% circulaire est-elle chimiquement soutenable?)

7. Chemical simplification and planetary health – civil society acceptance: instruments, tools, and regulatory frame (s). => c'est le projet le plus libre, ouvert. Discutez avec les groupes 5 et 6.

Arguello et Negrutiu, 2018. Intersecting planetary health and planetary boundaries reveals the double challenge of agriculture and global physico-chemical deregulation (pdf associé)

Par ex. approfondir l'alimentation / systèmes alimentaires

UNEP, 2016, Food Systems and Natural Resources. A Report of the Working Group on Food Systems of the International Resource Panel. Westhoek H, Ingram J, Van Berkum S, Özay L, Hajer M.

iPES Food 2017, Unravelling the food-health nexus. http://www.ipes-food.org/images/Reports/Health_FullReport.pdf