

Kristian Syberg
Associate Professor
Department of Science and Environment
Environmental Dynamics
TRANSITIONS – Sustainability Transitions and Environmental Planning
Center for Interdisciplinary Plastic Research
Centre for Maritime and Marine Research
Type of address: Postal address.
Universitetsvej 1
11.2
DK-4000
Roskilde
Denmark
Email: ksyberg@ruc.dk
Phone: +45 4674 3776
Web address: <https://forskning.ruc.dk/da/persons/ksyberg>,
<https://forskning.ruc.dk/da/persons/ksyberg>,
<https://forskning.ruc.dk/da/persons/ksyberg>,
<https://forskning.ruc.dk/da/persons/ksyberg>,
<https://forskning.ruc.dk/da/persons/ksyberg>



Publications

Abundance, distribution and characteristics of microplastics in the North and South Atlantic Ocean

Andersen, R., Harsaae, A. L., Kellner, A., Smyth, A., Westermann, T. A. R., Green, M., Vollertsen, J., Syberg, K. & Lorenz, C., Dec 2024, In: Marine Pollution Bulletin. 209, 117217.

The time for ambitious action is now: Science-based recommendations for plastic chemicals to inform an effective global plastic treaty

Brander, S. M., Senathirajah, K., Fernandez, M. O., Weis, J. S., Kumar, E., Jahnke, A., Hartmann, N. B., Alava, J. J., Farrelly, T., Almroth, B. C., Groh, K. J., Syberg, K., Buerkert, J. S., Abeynayaka, A., Booth, A. M., Cousin, X., Herzke, D., Monclús, L., Morales-Caselles, C. & Bonisoli-Alquati, A. & 2 others, Al-jaibachi, R. & Wagner, M., 1 Nov 2024, In: Science of the Total Environment. 949, 174881.

Review of microplastics and chemical risk posed by plastic packaging on the marine environment to inform the Global Plastics Treaty

Gündoğdu, S., Bour, A., Köşker, A. R., Walther, B. A., Napierska, D., Mihai, F. C., Syberg, K., Hansen, S. F. & R. Walker, T., 10 Oct 2024, In: Science of the Total Environment. 946, 174000.

Ecological risk assessment framework for microplastics in agricultural soils amended with biosolids

Hooge, A., Syberg, K. & R. Walker, T., Aug 2024, In: Journal of Hazardous Materials Advances. 15, 100445.

Link circular economy to waste hierarchy in treaty

Syberg, K., Oturai, N. G., Hansen, S. F., Collins, T. J., Gündoğdu, S., Carney Almroth, B., Palm, E., Castillo Castillo, A., Baztan, J., de Miranda Grilli, N., Ramos, T., Farrelly, T. & Muncke, J., 18 Apr 2024, In: Science. 384, 6693, p. 280-281 2 p.

Intravenous hypertonic fluids as a source of human microplastic exposure

Çağlayan, U., Gündoğdu, S., Ramos, T. M. & Syberg, K., Apr 2024, In: Environmental Toxicology and Pharmacology. 107, 104411.

Alle taler om cirkulær økonomi, men hvordan kan det løbe rundt?

Skjold, E. & Syberg, K., 5 Mar 2024, Teknologiens Mediehus.

Editorial- VSI: Micro(nano)plastics in the environment

Rocha-Santos, T. & Syberg, K., Mar 2024, In: TrAC - Trends in Analytical Chemistry. 172, 117570.

A dataset of organic pollutants identified and quantified in recycled polyethylene pellets

Carmona, E., Rojo-Nieto, E., Rummel, C., Krauss, M., Syberg, K., Ramos, T. M., Brosche, S., Backhaus, T. & Almroth, B. C., Dec 2023, In: Data in Brief. 51, 109740.

Moving from symptom management to upstream plastics prevention: The fallacy of plastic cleanup technology

Bergmann, M., Arp, H. P. H., Carney Almroth, B., Cowger, W., Eriksen, M., Dey, T., Gündoğdu, S., Helm, R. R., Krieger, A., Syberg, K., Tekman, M. B., Thompson, R. C., Vilarubia-Gomez, P., Warriier, A. K. & Farrelly, T., 17 Nov 2023, In: One Earth. 6, 11, p. 1439-1442 4 p.

Finance plastics reuse, redesign, and reduction

Wang, M., Bauer, F., Syberg, K. & Gammage, T., 1 Nov 2023, In: Science. 382, 6670, p. 526 1 p.

Plastics treaty text must center ecosystems

Wysocki, I. T. V., Wang, M., Morales-Caselles, C., Woodall, L. C., Syberg, K., Almroth, B. C., Fernandez, M., Monclús, L., Wilson, S. P., Warren, M., Knoblauch, D. & Helm, R. R., 1 Nov 2023, In: Science. 382, 6670, p. 525-526 2 p.

Implications of circular textile policies for the future regulation of hazardous substances in textiles in the European Union

Bour, A., Christensen, T. B., Hunka, A. D., Palmqvist, A., Skjold, E. & Syberg, K., 20 Oct 2023, In: Science of the Total Environment. 896, 165153.

A not so circular healthcare economy: A review of challenges with plastic associated chemicals

Ramos, T. M., Christensen, T. B., Bour, A., Almroth, B. C., Kristensen, D. M., Selck, H. & Syberg, K., Sept 2023, In: TrAC - Trends in Analytical Chemistry. 166, 117191.

Fate of microplastics in sewage sludge and in agricultural soils

Poulsen, A. H., Hauggaard-Nielsen, H., Heinze, W. M., Lyngsie, G., Ramos, T. M., Sandgaard, M. H., Vollertsen, J. & Syberg, K., Sept 2023, In: TrAC - Trends in Analytical Chemistry. 166, 8 p., 117184.

How environmental regulation can drive innovation: Lessons learned from a systematic review

Clausen, L. P. W., Nielsen, M. B., Oturai, N. B., Syberg, K. & Hansen, S. F., Aug 2023, In: Environmental Policy and Governance. 33, 4, p. 364-373 10 p.

UN plastic treaty must mind the people: Citizen science can assist citizen involvement in plastic policymaking

Oturai, N. G., Syberg, K., Fraisl, D., Hooge, A., Ramos, T. M., Schade, S. & Hansen, S. F., 16 Jun 2023, In: One Earth. 6, 6, p. 715-724 10 p.

Mikroplastik er overalt og udfordrer vores sundhed

Pedersen, H. B., Vollertsen, J., Syberg, K., Allin, K. H. & Hansen, S. F., 10 May 2023, In: Politiken. Sektion 2, p. 5

Exploration of occurrence and sources of microplastics (>10 µm) in Danish marine waters

Liu, Y., Lorenz, C., Vianello, A., Syberg, K., Haaning Nielsen, A., Nielsen, T. G. & Vollertsen, J., 20 Mar 2023, In: Science of the Total Environment. 865, 161255.

Time to kick the butt of the most common litter item in the world: Ban cigarette filters

Green, D. S., Almroth, B. C., Altman, R., Bergmann, M., Gündoğdu, S., Warriier, A. K., Boots, B., Walker, T. R., Krieger, A. & Syberg, K., 20 Mar 2023, In: Science of the Total Environment. 865, 161256.

Small Butt Harmful: Individual- and Population-Level Impacts of Cigarette Filter Particles on the Deposit-Feeding Polychaete *Capitella teleta*

Sandgaard, M. H., Syberg, K., Grønlund, S. N., Kopylova Riisgaard, E., Rishøj, C. & Palmqvist, A., 28 Feb 2023, In: Environmental Science & Technology (Washington). 57, 8, p. 3218-3227 10 p.

Cigaretskod udleder giftige kemikalier i havmiljøet

Sandgaard, M. H., Palmqvist, A. & Syberg, K., 19 Jan 2023, Forskerzonen.

Reducing plastic in the operating theatre: Towards a more circular economy for medical products and packaging
Ramos, T. M., Christensen, T. B., Oturai, N. G. & Syberg, K., 10 Jan 2023, In: Journal of Cleaner Production. 383, 135379.

Sediment matters as a route of microplastic exposure: A call for more research on the benthic compartment
Sandgaard, M. H., Palmqvist, A., Bour, A., Grønland, S. N., Hooge, A., Selck, H., Jensen, A. T. B. & Syberg, K., 4 Jan 2023, In: Frontiers in Marine Science. 9, 1100567.

Citizens' versus Scientific Perceptions of Ecosystem Services - Assessing local controversies over climate mitigation efforts in a former wetland

Grindsted, T. S., Lyngsie, G., Almlund, P., Holm, J., Herzog, S. D., Haugaard-Nielsen, H., Banta, G. T., Lund, S. & Syberg, K., 2023, (Submitted) In: Earth System Governance.

Long-Term Effects of Microplastics on a Benthic Community: A Mesocosm Experiment

Sandgaard, M. H., Lorenz, C., Hartmann, N., Syberg, K. & Palmqvist, A., 2023, p. 217-218.

Ocean plastic cleanups need a global framework with science-based criteria

Bergmann, M., Arp, H. P., Almroth, B. C., Dey, T., Farrelly, T., Gündoğdu, S., Helm, R., Krieger, A., Syberg, K., Tekman, M., Thompson, R., Vilarubia-Gomez, P. & Wang, M., 2023, In: Science. October

Unfolding the science behind policy initiatives targeting plastic pollution

Nielsen, M. B., Clausen, L. P. W., Cronin, R., Hansen, S. F., Oturai, N. G. & Syberg, K., 2023, In: Microplastics and nanoplastics. 3, 3, 18 p.

Borgerne skal inddrages, hvis vi skal plastikforurening til livs

Oturai, N. G., Hansen, S. F. & Syberg, K., 27 Dec 2022, Forskerzonen.

Assessment of Prevalence and Heterogeneity of Meso- and Microplastic Pollution in Icelandic Waters

Ovide, B. G., Cirino, E., Basran, C. J., Geertz, T. & Syberg, K., Dec 2022, In: Environments. 9, 12, p. 150 150.

Global plastic treaty should address chemicals

Dey, T., Trasande, L., Altman, R., Wang, Z., Krieger, A., Bergmann, M., Allen, D., Allen, S., R. Walker, T., Wagner, M., Syberg, K., M. Brander, S. & Almroth, B. C., 24 Nov 2022, In: Science. 378, 6622, p. 841-842 2 p.

Beware the false hope of recycling

Syberg, K., 1 Nov 2022, In: Nature. 611, 7936, p. S6

The need for environmental regulation of tires: Challenges and recommendations

Trudsø, L. L., Nielsen, M. B., Hansen, S. F., Syberg, K., Kampmann, K., Khan, F. R. & Palmqvist, A., 15 Oct 2022, In: Environmental Pollution. 311, 119974.

Particles as carriers of matter in the aquatic environment: Challenges and ways ahead for transdisciplinary research

Thit, A., Grønland, S. N., Trudsø, L. L., Hansen, B. W., Herzog, S. D., Nielsen, S. L., Oturai, N. G., Posselt, D., Praveenkumar, R., Sandgaard, M. H., Syberg, K., Selck, H. & Lyngsie, G., 10 Sept 2022, In: Science of the Total Environment. 838, 2, 155831.

Can Current Regulations Account for Intentionally Produced Nanoplastics?

Abdolahpur Monikh, F., Hansen, S. F., G. Vijver, M., Kentin, E., Nielsen, M. B., Baun, A., Syberg, K., Lynch, I., Valsami-Jones, E. & J.G.M. Peijnenburg, W., 5 Apr 2022, In: Environmental Science & Technology (Washington). 56, 7, p. 3836-3839 4 p.

Plastic nanoparticles cause mild inflammation, disrupt metabolic pathways, change the gut microbiota and affect reproduction in zebrafish: A full generation multi-omics study

Marana, M. H., Poulsen, R., Thormar, E. A., Clausen, C. G., Jensen, A. T. B., Mathiessen, H., Jaafar, R., Korbut, R., Hansen, A. M. B., Hansen, M., Limborg, M. T., Syberg, K. & Jørgensen, L. V. G., 15 Feb 2022, In: Journal of Hazardous Materials. 424, Part D, 127705.

How can we test plastic pollution perceptions and behavior? A feasibility study with Danish children participating in “the Mass Experiment”

Oturai, N. B., Pahl, S. & Syberg, K., 1 Feb 2022, In: Science of the Total Environment. 806, Part 4, 11 p., 150914.

Circular economy and reduction of micro(nano)plastics contamination

Syberg, K., Nielsen, M. B., Oturai, N. B., Clausen, L. P. W., Ramos, T. M. & Hansen, S. F., Feb 2022, In: Journal of Hazardous Materials Advances. 5, 5, 4 p., 100044.

A review of the plastic value chain from a circular economy perspective

Johansen, M. R., Christensen, T. B., Ramos, T. M. & Syberg, K., 15 Jan 2022, In: Journal of Environmental Management. 302, 113975.

Early warning signs applied to plastic

Paulsen, F. L., Nielsen, M. B., Shashoua, Y., Syberg, K. & Hansen, S. F., 2022, In: Nature Reviews. Materials. 7, 2, p. 68-70 3 p.

Individual-to population-level effects of particles from smoked and non-smoked cigarette filters on the deposit feeding polychaete *Capitella teleta*

Sandgaard, M. H., Syberg, K., Grønlund, S. N., Kopylova Riisgaard, E., Rishøj, C. & Palmqvist, A., 2022.

Individual- to Population-Level Effects of Smoked and Non-Smoked Cigarette Filters in the Deposit Feeding Polychaete *Capitella teleta*

Sandgaard, M. H., Grønlund, S. N., Syberg, K., Kopylova Riisgaard, E., Rishøj, C. & Palmqvist, A., 2022, *Abstract Book SETAC Europe 32nd Annual Meeting*. Society of Environmental Toxicology and Chemistry, p. 313 1 p.

Hvor længe holder plastik egentlig i den danske natur?

Shashoua, Y. & Syberg, K., 2 Nov 2021, Videnskab.dk.

Strength in numbers: How citizen science can upscale assessment of human exposure to plastic pollution

Oturai, N. G., Nielsen, M. B., Clausen, L. P. W., Hansen, S. F. & Syberg, K., Sept 2021, In: Current Opinion in Toxicology. 27, p. 54-59 6 p.

Regulation of plastic from a circular economy perspective

Syberg, K., Nielsen, M. B., Clausen, L. P. W., van Calster, G., van Wezel, A., rochman, C., Koelmans, A. A., Cronin, R., Pahl, S. & Hansen, S. F., Jun 2021, In: Current Opinion in Green and Sustainable Chemistry. 29, 29, 100462.

Isolation and characterization of human pathogenic multidrug resistant bacteria associated with plastic litter collected in Zanzibar

Rasool, F. N., Saavedra, M. A., Pamba, S., Perold, V., Mmochi, A. J., Maalim, M., Simonsen, L., Buur, L., Pedersen, R. H., Syberg, K. & Jelsbak, L., 5 Mar 2021, In: Journal of Hazardous Materials. 405, 405, 124591.

Comprehending the complexity of microplastic organismal exposures and effects, to improve testing frameworks

Bour, A., Sandgaard, M. H., Syberg, K., Palmqvist, A. & Almroth, B. C., 2021, In: Journal of Hazardous Materials. 415, 415, 125652.

Microplastics in the human digestive environment: a focus on the potential and challenges facing in vitro gut model development

Fournier, E., Etienne-Mesmin, L., GROOTAERT, C., Jelsbak, L., Syberg, K., BLANQUET-DIOT, S. & Mercier-Bonin, M., 2021, In: Journal of Hazardous Materials. 415, 415, 125632.

A nationwide assessment of plastic pollution in the Danish realm using citizen science

Syberg, K., Palmqvist, A., Khan, F., Strand, J., Vollertsen, J., Clausen, L. P. W., Feld, L., Hartmann, N., Oturai, N. B., Møller, S., Gissel Nielsen, T., Shashoua, Y. & Hansen, S. F., 20 Oct 2020, In: *Scientific Reports*. 10, 1, 17773.

Sorption of PCBs to environmental plastic pollution in the North Atlantic Ocean: Importance of size and polymer type

Syberg, K., Knudsen, C. M. H., Tairova, Z., Khan, F., Shashoua, Y., Geertz, T., Pedersen, H. B., Sick, C., Mortensen, J., Strand, J. & Palmqvist, A., Sept 2020, In: *Case Studies in Chemical and Environmental Engineering*. 2, 2, 100062.

Planktonic Crustacean Culture - Live Planktonic Crustaceans as Live Feed for Finfish and Shrimps in Aquaculture

Jepsen, P. M., Syberg, K., Drillet, G. & Hansen, B. W., 2020, *Fisheries and Aquaculture*. Lovrich, G. & Thiel, M. (eds.). Oxford: Oxford University Press, Vol. 9. (Natural History of Crustacea).

Plast på godt og ondt

Oturai, N. B. & Syberg, K., 2020, In: *Geografisk Orientering*. 2020, 1, p. 6-9

Stakeholder analysis with regard to a recent European restriction proposal on microplastics

Clausen, L. P. W., Foss Hessner Hansen, O., Oturai, N. B., Syberg, K. & Hansen, S. F., 2020, In: *PLOS ONE*. 15, 6, p. e0235062 30 p., 0235062.

Abundance of microplastics in the gastrointestinal tracts of the eelpout (*Zoacres viviparous* L.) collected in Roskilde Fjord, Denmark: Implications for use as a monitoring species under the Marine Strategy Framework Directive

Verlaan, M., Banta, G. T., Khan, F. & Syberg, K., Nov 2019, In: *Regional Studies in Marine Science*. 32, 100900.

Effects of combined exposures of fluoranthene and polyethylene or polyhydroxybutyrate microplastics on oxidative stress biomarkers in the blue mussel (*Mytilus edulis*)

Magara, G., Khan, F., Pinti, M., Syberg, K., Inzirillo, A. & Elia, A. C., 19 May 2019, In: *Journal of Toxicology and Environmental Health. Part A*. 82, 10, p. 616-625 10 p.

A scientific perspective on microplastics in nature and society

Koelmans, B., Phal, S., Backhaus, T., Bessa, F., van Calster, G., Contzen, N., Cronin, R., Galloway, T., Hart, A., Henderson, L., Kalčíková, G., Kelly, F., Kołodziejczyk, B., Marku, E., Poortinga, W., Rillig, M., Van Sebille, E., Steg, L., Steidl, J. & Steinhörst, J. & 6 others, Syberg, K., Thompson, R., Wagner, M., van Wezel, A., Wright, S. & Wyles, K., 2019, SAPEA. 176 p. (Evidence Review Report ; No. 4).

Collection of anthropogenic litter from the shores of Lake Malawi: Characterization of plastic debris and the implications of public involvement in the African Great Lakes

Mayoma, B. S., Mjumira, I., Efundala, A., Syberg, K. & Khan, F. R., 2019, In: *Toxics*. 7, 4, 64.

Food transfer and uptake of nanosized polystyrene particles in a two-species marine system

Oturai, N. B., Mammen, A., Roweczyk, L., Ter Halle, A., Vang, O. & Syberg, K., 2019.

Marine litter: One of the major threats for marine mammals: Outcomes from the European Cetacean Society workshop

Panti, C., Baini, M., Lusher, A., Hernandez-Milan, G., L. Bravo Rebolledo, E., Unger, B., Syberg, K., P. Simmonds, M. & Fossi, M. C., 2019, In: *Environmental Pollution*. 247, p. 72-79 8 p.

Marint affald på kysterne i Roskilde Fjord

Strand, J., Feld, L., Sick, C., Christensen, T. B. & Syberg, K., 2019, In: *Vand & Jord*. 26, 4, p. 132-135

Microplastics in the Digestive Tracts of Four Fish Species from the Ciénaga Grande de Santa Marta Estuary in Colombia

Calderon, E., Hansen, P., Rodríguez, A., C.M. Blettler, M., Syberg, K. & Khan, F., 2019, In: *Water, Air and Soil Pollution*. 230, 257, 9 p., 257.

Considerations on the use of equilibrium models for the characterisation of HOC-microplastic interactions in vector studies

Velez, J. F. M., Shashoua, Y., Syberg, K. & Khan, F. R., Nov 2018, In: *Chemosphere*. 210, p. 359-365 7 p.

Single contaminant and combined exposures of polyethylene microplastics and fluoranthene: accumulation and oxidative stress response in the blue mussel, *Mytilus edulis*

Magara, G., Elia, A. C., Syberg, K. & Khan, F. R., 18 Aug 2018, In: Journal of Toxicology and Environmental Health. Part A: Current Issues. 81, 16, p. 761-773 13 p.

Health risk associated with plastic debris on the Island of Zanzibar: – Importance of associated pathogenic bacteria and implications for local communities

Syberg, K., Buur, L., Jelsbak, L. & Simonsen, L., 2018.

Risk Perception of Plastic Pollution: Importance of Stakeholder Involvement and Citizen Science

Syberg, K., Hansen, S. F., Christensen, T. B. & Khan, F., 2018, *Freshwater Microplastics: Emerging Environmental Contaminants?* Wagner, M. & Lambert, S. (eds.). 1 ed. Springer, Vol. 58. p. 203-221 19 p. (Handbook of Environmental Chemistry, Vol. 58).

Microplastic potentiates triclosan toxicity to the marine copepod *Acartia tonsa* (Dana)

Syberg, K., Nielsen, A., Khan, F., Banta, G. T., Palmqvist, A. & Jepsen, P. M., 13 Nov 2017, In: Journal of Toxicology and Environmental Health. Part A. 80, 23-24, p. 1369-1371 3 p.

The Role of Laboratory Experiments in the Validation of Field Data

Mouneyrac, C., Lagarde, F., Chatel, A., Khan, F., Syberg, K. & Palmqvist, A., 23 Mar 2017, *Characterization and Analysis of Microplastics*. Rocha-Santos, T. A. P. & Duarte, A. C. (eds.). Elsevier, Vol. 75. p. 241-273 33 p. (Comprehensive Analytical Chemistry, Vol. 75).

Are standardized test guidelines adequate for assessing waterborne particulate contaminants?

Khan, F., Syberg, K. & Palmqvist, A., 21 Feb 2017, In: Environmental Science & Technology (Washington). 51, 4, p. 1948-1950 3 p.

Assessing and Managing Multiple Risks in a Changing World—the Roskilde Recommendations

Selck, H., Adamsen, P. B., Backhaus, T., Banta, G. T., Bruce, P. K. H. ..., Burton Jr., G. A., Butts, M. B., Bøgh, E., Clague, J. J., Dinh, K. V., Doorn, N., Gunnarsson, J. S., Hauggaard-Nielsen, H., Hazlerigg, C., Hunka, A. D., Jensen, J., Lin, Y., Loureiro, S., Miraglia, S. & Munns Jr., W. R. & 10 others, Nadim, F., Palmqvist, A., Rämö, R. A., Seaby, L. P., Syberg, K., Tangaa, S. R., Jensen, A. T., Windfeld, R., Zalewski, M. & Chapman, P. M., Jan 2017, In: Environmental Toxicology and Chemistry. 36, 1, p. 7-16 10 p.

From macro- to microplastics: Analysis of EU regulation along the life cycle of plastic bags

Steensgaard, I., Syberg, K., Rist, S., Hartmann, N., Boldrin, A. & Hansen, S. F., 2017, In: Environmental Pollution. 224, p. 289-299 11 p.

Microplastics in Inland African Waters: Presence, Sources, and Fate

Khan, F., Mayoma, B. S., Biginagwa, F. J. & Syberg, K., 2017, *Freshwater Microplastics: Emerging Environmental Contaminants?* Wagner, M. & Lambert, S. (eds.). 1 ed. Springer, Vol. 58. p. 101-124 23 p. (Handbook of Environmental Chemistry, Vol. 58).

Toward a conceptual approach for assessing risks from chemical mixtures and other stressors to coastal ecosystem services

Syberg, K., Backhaus, T., Banta, G. T., Bruce, P., Gustavsson, M., Munns Jr., W. R., Rämö, R., Selck, H. & Gunnarsson, J. S., 2017, In: Integrated Environmental Assessment and Management. 13, 2, p. 376–386 11 p.

Open letter to EU Commission about proposed EDC Criteria

Ågerstrand, M., Bero, L., Beronius, A., Bornehag, C.-G., Cotgreave, I., Gee, D., Halsall, C., Macleod, M., Martin, O., Ruden, C., Scheringer, M., Syberg, K., Vandenberg, L., Whaley, P. & Woodruff, T., 6 Jun 2016

First evidence of microplastics in the African Great Lakes: Recovery from Lake Victoria Nile perch and Nile tilapia

Biginagwa, F. J., Mayoma, B. S., Shashoua, Y., Syberg, K. & Khan, F. R., Feb 2016, In: Journal of Great Lakes Research. 42, 1, p. 146-149 4 p.

Influence of polyethylene microplastic beads on the uptake and localization of silver in zebrafish (*Danio rerio*)
Khan, F. R., Syberg, K., Shashoua, Y. & Bury, N. R., Jul 2015, In: *Environmental Pollution*. 206, p. 73 - 79

Mixture toxicity of PBT-like chemicals: A relevant focus for future regulation?
Syberg, K., Dai, L., Ramskov, T. & Selck, H., 7 May 2015.

Chronic effects of CuO Nanoparticles on *Lymnaea stagnalis*: Implications for Environmental Risk Assessment?
Falk, N., Zwicky, J., Rewentlow, J., Palmqvist, A., Mackevica, A., Jensen, A. T., Hansen, S. F., Syberg, K. & Knudsen, T. B., 6 May 2015.

Microplastic sampling in the Mediterranean Sea
Biginagwa, F., Sosthenes, B., Syberg, K., Pedersen, H., Sick, C., Eriksen, M. & Shashoua, Y., 6 May 2015.

Microplastics: Addressing ecological risk through lessons learned
Syberg, K., Khan, F. R., Selck, H., Palmqvist, A., Banta, G. T., Daley, J., Sano, L. & Duhaime, M., Apr 2015, In: *Environmental Toxicology and Chemistry*. 34, 5, p. 4389-4397 8 p.

Mixture Genotoxicity of 2, 4-Dichlorophenoxyacetic Acid, Acrylamide, and Maleic Hydrazide on Human Caco-2 Cells Assessed with Comet Assay
Syberg, K., Binderup, M.-L., Cedergreen, N. & Rank, J., 19 Mar 2015, In: *Journal of Toxicology and Environmental Health. Part A: Current Issues*. 78, 6, p. 369-380 11 p.

Microplastics: Addressing Ecological Risk Through Lessons Learned
Syberg, K., Khan, F. R., Selck, H., Palmqvist, A., Banta, G. T., Daley, J., Sano, L., Duhaime, M. & Burton, A., 26 Feb 2015

Ecotoxicological Risk of Nanomaterials
Mouneyrac, C., Syberg, K. & Selck, H., 2015, *Aquatic Ecotoxicology: Advancing Tools for Dealing with Emerging Risks*. Amiard-Triquet, C., Amiard, J.-C. & Mouneyrac, C. (eds.). Elsevier, p. 418-437 19 p.

Environmental risk assessment of chemicals and nanomaterials: The best foundation for regulatory decision-making?
Syberg, K. & Hansen, S. F., 2015, In: *Science of the Total Environment*. 541, p. 784-794 10 p.

Genotoxic Potential of Two Herbicides and their Active Ingredients Assessed with Comet Assay on a Fish Cell Line, Epithelioma Papillosum Cyprini (EPC)
Syberg, K., Rank, J., Jensen, K. & Bokán, K., 26 Nov 2013, In: *Journal of Toxicology and Environmental Health. Part A: Current Issues*. 76, 20, p. 1129-1137 9 p.

A case study on chemical mixtures in sewage sludge: Chemical composition and toxicity in the environment
Nørgaard, K. B., Selck, H. & Syberg, K., 14 May 2013.

Effects, Uptake, and Depuration Kinetics of Silver Oxide and Copper Oxide Nanoparticles in a Marine Deposit Feeder, *Macoma balthica*
Dai, L., Syberg, K., Banta, G. T., Selck, H. & Forbes, V. E., 2013, In: *ACS Sustainable Chemistry & Engineering*. 1, 7, p. 760-767 8 p.

Is European chemical legislation suitable for regulating engineered nanoparticles?
Syberg, K., Banta, G. T., Forbes, V. E., Khan, F., Luoma, S., Reip, P., Selck, H. & Vasami-Jones, E., 22 May 2012.

Call of action on mixture toxicity
Syberg, K., 12 Apr 2012

Bioaccumulation and effect of sediment-associated silver in different forms in two marine deposit feeders

Dai, L., Banta, G. T., Syberg, K., Selck, H., Gilliland, D. & Forbes, V. E., 2012.

Kemikalieblandinger - en reguleringsmæssig udfordring

Nørgaard, K. B., Syberg, K. & Selck, H., 2012, In: *Aktuel Naturvidenskab*. 5, p. 6-9 4 p.

Risikovurdering af kemikalier - et tværfagligt felt

Syberg, K., Rank, J. & Banta, G. T., 2012, *Tværvidevidenskab i Teori og Praksis*. Enevoldsen, T. & Jelsøe, E. (eds.). København: Hans Reitzels Forlag, p. 223-241

The bioaccumulation of Silver in various forms to the marine clam, *Macoma baltica*

Dai, L., Syberg, K., Banta, G. T., Selck, H. & Forbes, V. E., 2011. 1 p.

On a Sustainable Chemicals Policy: The Significance of Risk Assessment and REACH

Rank, J., Syberg, K. & Carlsen, L., 2010, *A New Agenda for Sustainability*. Aagaard Nielsen, K., Elling, B., Figueroa, M. & Jelsøe, E. (eds.). Ashgate, p. 115-135 20 p.

Comet assay on tetraploid yeast cells

Rank, J., Syberg, K. & Jensen, K., 19 Feb 2009, In: *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*. 673, 1, p. 53-58 6 p.

Mixture toxicity and european chemical regulation: a interdisciplinary study

Syberg, K., 2009, Roskilde: Roskilde Universitet. 88 p.

On the Use of Mixture Toxicity Assessment in REACH and the Water Framework Directive: A Review

Syberg, K., Jensen, T. S., Cedergreen, N. & Rank, J., 2009, In: *Human and Ecological Risk Assessment*. 15, 6, p. 1257-1272 15 p.

Mixture toxicity of three toxicants with similar and dissimilar modes of action to *Daphnia magna*

Syberg, K., Engell-Kofoed, A. E., Pedersen, H., Cedergreen, N. & Forbes, V. E., 2008, In: *Ecotoxicology and Environmental Safety*. 69, 3, p. 428-436 9 p.

Toxic effects in *Daphnia magna* exposed to dimethoate and pirimicarb - Is reproduction the most important endpoint for estimating effects on population dynamics?

Syberg, K., Engell-Kofoed, A. E., Pedersen, H. & Forbes, V. E., 2008. 1 p.

Blandingseffekter af flere kemikalier: kan REACH løse problemerne?

Syberg, K., 2007, *Kemikalier, Miljø og Sundhed 2*. Det økologiske råd, p. 36-37 2 p.

EU's nye kemikalielov (REACH) beskytter os ikke mod farlige kemikalier

Syberg, K., 2007, In: *Hippocampus - RUCs uafhængige universitetsmagasin*. 8, p. 22-23

Mixture genotoxicity of acrylamide, 2,4-D and maleic hydrazid in the blue mussle, *Mytilus edulis*, measured by the use of comet assay

Syberg, K., Jensen, K. & Rank, J., 2007, In: *Mutagenesis*. 22, 6, p. e6 1 p.

Direct calorimetric measurements of metabolic rate: A potential method to evaluate acute sublethal effects in aquatic invertebrates?

Engell-Kofoed, A. E., Syberg, K., Pedersen, H. & Forbes, V. E., 2006. 1 p.

Predictability of the combined toxicity of three chemicals with similar and dissimilar modes of action to *Daphnia magna*

Engell-Kofoed, A. E., Syberg, K., Pedersen, H. & Forbes, V. E., 2005. 1 p.

POP-stofferne - de værste miljøgifte

Syberg, K. & Pedersen, H., 2003, *Kemikalier, Miljø og Sundhed*. Rank, J. (ed.). Det økologiske råd

EU's fejlslagne kemikaliepolitik: får den en ende?

Pedersen, H., Syberg, K., Madsen, K. B., Lauritsen, J. & Jakobsen, S. E., 2002, In: *Miljøesk.* 30, p. 18-23

Activities

The Mass experiment

Syberg, K. (Speaker)
12 Jun 2019

ESOF Toulouse 2018

Syberg, K. (Participant)
10 Jul 2018

Member of advisory board

Syberg, K. (Consultant)
2018 → 2020

Vidensseminar. Rådet for Nationalpark Skjoldungernes land

Syberg, K. (Participant)
6 Apr 2017

Abundance of microplastics and adhered contaminants in the North Atlantic Ocean

Syberg, K. (Speaker), Khan, F. (Speaker) & Palmqvist, A. (Speaker)
22 May 2016 → 26 May 2016

Mikroplastik som vektor for miljøfremmede stoffer

Syberg, K. (Lecturer)
26 Oct 2015

EFSA Scientific Colloquium N°21: Harmonisation of human and ecological risk assessment of combined exposure to multiple chemicals

Syberg, K. (Participant)
11 Sept 2014 → 12 Sept 2014

The Journal of Transdisciplinary Environmental Studies (TES) (Journal)

Syberg, K. (Editor)
1 Aug 2013 → ...

4M – mixtures under REACH. Berlin

Syberg, K. (Speaker)
30 Jan 2013 → 31 Jan 2013

NanoReTox final meeting and workshop

Syberg, K. (Speaker)
8 Oct 2012 → 11 Oct 2012

rådgivning i forhold til opdatering af vandrammedirektivets liste over uønskede stoffer

Syberg, K. (Advisor)
14 Jul 2012

Risk assessment of metal NPs: Conceptual model for nano RA

Syberg, K. (Lecturer)

2 Jun 2012

NanoReTox Meeting & Workshop

Syberg, K. (Participant)

26 Oct 2011 → 28 Oct 2011

6th International Conference on the Environmental Effects of Nanoparticles and Nanomaterials

Syberg, K. (Participant)

19 Sept 2011 → 21 Sept 2011

Roskilde Universitet (External organisation)

Syberg, K. (Member)

1 Aug 2011 → 30 Nov 2011

Det Økologiske Råd (External organisation)

Syberg, K. (Member)

1 May 2010 → ...

En POPet historie om de værste miljøgifte

Syberg, K. (Lecturer)

28 Sept 2007

Mixture genotoxicity of acrylamide, 2,4-D and maleic hydrazid in the blue mussle, *Mytilus edulis*, measured by the use of comet assay

Syberg, K. (Lecturer)

24 Jun 2007 → 27 Jun 2007

Press clippings

11.000 elever undersøger naturen for plastik i stort eksperiment

Syberg, K.

16/09/2019

1 item of Media coverage

11.000 sjællandske elever skal kortlægge plastforurening

Syberg, K.

16/09/2019

2 items of Media coverage

2-0 til saudierne: Global miljøaftale om plastik forhindret

Syberg, K.

02/12/2024

1 item of Media coverage

30.000 skoleelever skal undersøge, hvordan vi sorterer plastaffald

Syberg, K.

27/08/2024

1 item of Media coverage

57.000 børn og unge undersøger plastforurening

Syberg, K.

30/09/2019

1 item of Media coverage

57.000 børn og unge undersøger plastik i naturen

Syberg, K.

16/09/2019

4 items of Media coverage

57.000 danske børn har indsamlet plastik i naturen - her er, hvad de fandt

Syberg, K.

26/01/2020

1 item of Media coverage

57.000 elever samler plastik

Syberg, K.

18/09/2019

1 item of Media coverage

57.000 skoleelevers arbejde: Cigarettskodder er den største kilde til plastikforurening

Syberg, K.

26/01/2020

1 Media contribution

900.000 danske engangskopper ender i havet hvert år

Syberg, K.

23/06/2021

1 item of Media coverage

Analyse: Her er proportionerne, som debatten om mikroplast mangler

Syberg, K.

25/09/2017

1 item of Media coverage

Baggrunden for undersøgelse af mikroplast i postevand kan være fejlagtig

Syberg, K.

21/09/2017

1 item of Media coverage

Bionedbrydelige plastikposer kan stadig bruges efter tre år i jorden

Syberg, K.

16/05/2019

1 item of Media coverage

Bionedbrydelige plastikposer overlever tre år i naturen

Syberg, K.

02/05/2019

1 item of Media coverage

Bioplast er også fyldt med skadelige kemikalier, afslører nyt studie

Syberg, K.

18/11/2020

1 item of Media coverage

Bittesmå plastikstykker er en voksende trussel

Syberg, K.

08/03/2016

1 item of Media coverage

Brug af plastik handler om adfærd

Syberg, K.

12/10/2022 → 15/10/2022

2 items of Media coverage

Børn og unge undersøger plastik i naturen

Syberg, K.

16/09/2019

1 item of Media coverage

Børn skal kortlægge plastik i naturen

Syberg, K.

16/09/2019

1 item of Media coverage

Centralt EU-agentur siger god for verdens mest brugte sprøjtemiddel

Syberg, K.

03/08/2023

1 item of Media coverage

Cigaretter er det mest fundne affald i havet verden over

Syberg, K.

25/03/2019

1 item of Media coverage

CO2-stævnemøde

Syberg, K.

02/04/2024

1 item of Media coverage

Cocktail af kemikalier øger risiko for kræft

Syberg, K.

05/03/2015

1 item of Media coverage

Cocktail af kemiske stoffer uden kontrol

Syberg, K.

06/06/2017

1 item of Media coverage

Cocktail af kemiske stoffer uden kontrol

Syberg, K.

06/06/2017

1 item of Media coverage

Cocktaileffekt overses ved risikovurdering

Syberg, K.

07/07/2015

1 item of Media coverage

»Cocktaileffekt« øger risikoen for kræft

Syberg, K.

05/03/2015

1 item of Media coverage

Coronakrisen har medført mere emballage

Syberg, K.

04/03/2021

1 item of Media coverage

Danish school children leading the fight to tackle plastic pollution in the water

Syberg, K.

18/09/2019

1 item of Media coverage

Danmark har brug for en trivselsøkonomi

Oturai, N. G. & Syberg, K.

26/04/2024

1 item of Media coverage

Danmark skiller sig ud på ét punkt, når det gælder plasticaffald: »Hvis man giver affaldet værdi, virker det«

Syberg, K.

26/01/2020

1 item of Media coverage

Danske elever skal undersøge plastik-eksplosion

Syberg, K.

26/08/2024 → 27/08/2024

6 items of Media coverage

Dansk ekspedition kortlægger plastikmængder i havet

Syberg, K.

13/04/2015

1 item of Media coverage

Dansk ekspert kalder nyt studie om hjernen 'helt crazy'

Syberg, K.

03/10/2024

1 item of Media coverage

Danskere glemmer at smide mundbind i skraldespanden

Syberg, K.

26/08/2020

2 items of Media coverage

Danskerne er nået i mål fire år før tid og bruger nu 32 plastikposer om året

Syberg, K.

06/12/2021

1 item of Media coverage

Danskerne har halveret deres brug af plastikposer

Syberg, K.

06/12/2021

1 item of Media coverage

Danskerne vil gerne sortere affald, men vi skal blive bedre til det

Syberg, K.

29/06/2019

1 item of Media coverage

Danskerne viser vilje til større genbrug af plastik – men hvor meget batter det overhovedet?

Syberg, K.
19/05/2023

1 item of Media coverage

Dansk farvand fyldt med plastik

Syberg, K.
05/07/2016

1 item of Media coverage

Dansk forsker: Cocktaileffekt øger risikoen for kræft markant

Syberg, K.
05/03/2015

1 item of Media coverage

Dansk stillehavsekspedition vil redde havmiljøet

Syberg, K.
09/03/2016

1 item of Media coverage

Der er mikroplast overalt i vores omgivelser

Syberg, K.
19/09/2017

1 item of Media coverage

Der er også plastpartikler i danske farvande

Syberg, K.
05/07/2016

1 item of Media coverage

Det er ikke nødvendigvis den bedste løsning af bygge store anlæg som kan sortere plastik til genanvendelse

Syberg, K.
10/04/2024

1 item of Media coverage

»Det er jo en lillebitte mikroskopisk del af noget godt for vores miljø«

Syberg, K.
30/07/2017

1 Media contribution

DR2 tema: Mit kemiske liv

Syberg, K.
01/11/2014

1 item of Media coverage

DR radioavisen om fiskenet i Danske farvande

Syberg, K.
11/07/2017

1 item of Media coverage

DTU erkender »lidt for kæk« konklusion i rapport om plastikposer

Syberg, K.
21/03/2018

1 Media contribution

DTU erkender »lidt for kæk« konklusion i rapport om plastikposer

Syberg, K.

20/03/2018

1 item of Media coverage

DTU-forskere finder over 100 potentielt skadelige kemikalier i plastlegetøj

Syberg, K.

03/03/2021

1 item of Media coverage

Efter klimamødet: Nu spænder saudierne ben for plastiktraktat

Syberg, K.

28/11/2024

1 item of Media coverage

Efterladte fiskenet er livsfarlige for fisk og fugle

Syberg, K.

12/07/2017

1 item of Media coverage

Efterladte fiskenet forurener

Syberg, K.

11/07/2017

1 Media contribution

Efter tre år i naturen: Bionedbrydelige plastikposer ikke nedbrudt

Syberg, K.

02/05/2019

2 items of Media coverage

Ekspert om genanvendt havplast: »Greenwashing« og »dybt urealistisk«

Syberg, K.

06/01/2020

1 item of Media coverage

Elever og lærere fandt 112.018 cigaretskod på få timer: 'Det er faktisk lidt chokerende'

Syberg, K.

27/01/2020

1 item of Media coverage

Elevers masseforskning viser, at mængden af giftige cigaretskod i naturen bare stiger

Syberg, K.

10/12/2024

1 item of Media coverage

Emballage er agurkens bedste ven: Ja, plastik kan være godt for miljøet

Syberg, K.

18/05/2017

1 item of Media coverage

En frivillig pagt med industrien skal bremse plasticforureningen

Syberg, K.

06/03/2020

1 item of Media coverage

Engangsmundbind ikke den bedste løsning for miljøet

Syberg, K.

26/08/2020

1 item of Media coverage

Er der et alternativ til plastik?

Syberg, K.

16/10/2022

1 item of Media coverage

Er du klar til at sige farvel til knitrende pizzaposer og gratis plastic ved kassen?

Syberg, K.

14/12/2018

1 item of Media coverage

Fandt 112.000 skodder på to uger

Syberg, K.

27/01/2020

1 item of Media coverage

Fibre fra dit tøj spredes til enhver afkrog - fra Marianergraven til de højeste bjergtinder

Syberg, K.

23/09/2020

1 item of Media coverage

Findes næsten overalt: Dansk undersøgelse afslører cigaretskodder som største plast-forurener

Syberg, K.

26/01/2020

1 item of Media coverage

Fjorden får central rolle i kampen mod plastik

Syberg, K.

22/01/2016

1 item of Media coverage

FN-forhandlinger om plastikforurening afslører store uenigheder mellem verdens lande

Syberg, K.

06/06/2023

1 item of Media coverage

FN skriver plastikaffald ind i Basel-aftalen

Syberg, K.

11/05/2019

1 item of Media coverage

FOKUS PÅ Mikroskopiske plaststykker i skaldyr og havsalt

Syberg, K.

18/06/2018

1 item of Media coverage

For 60 år siden fandtes der ikke plast noget sted på Jorden. I dag ender 8 millioner tons plast hvert eneste år i havet

Syberg, K.

08/08/2020

1 item of Media coverage

Forbrugerråd fandt farlig kemi i DBU's drikkedunke til børn: Nu viser ny test noget andet

Syberg, K.

31/08/2024 → 01/09/2024

3 items of Media coverage

For første gang finder forskere mikroplast i fire kvinders moderkage

Syberg, K.

21/12/2020

1 item of Media coverage

Forskel på mulighederne for sortere plastikaffald kommunerne i mellem

Syberg, K.

22/05/2018

1 item of Media coverage

Forskere anfægter DTU-rapport om plastikposer

Syberg, K.

21/03/2018

1 item of Media coverage

Forskere "bliver overfuset" af lobbyister under forhandlinger om plasttraktat

Syberg, K.

29/11/2024

1 item of Media coverage

Forskere: Det er vigtigt at reducere forbrug og tænke genbrug før genanvendelse

Syberg, K.

22/04/2024 → 27/04/2024

3 items of Media coverage

Forskere finder kokain i rejer

Syberg, K.

02/05/2019

1 item of Media coverage

Forskere finder tusindvis af plaststykker i dansk farvand

Syberg, K.

05/07/2016

1 item of Media coverage

Forskere i vildrede: Vi aner ikke, om mikroplast i havene skader os

Syberg, K.

18/06/2016

1 item of Media coverage

Forskere kritiserer ny plastikposer rapport: Bygger på gamle tal

Syberg, K.

21/03/2018

1 item of Media coverage

Forskere kritiserer ny plastikposer rapport: bygger på gamle tal

Syberg, K.

22/03/2018

1 item of Media coverage

Forskere kritiserer ny plastikposerapport: bygger på tal fra 90'erne

Syberg, K.

20/03/2018

1 item of Media coverage

Forskere kritiserer ny plastikposerapport: bygger på tal fra 90'erne

Syberg, K.

21/03/2018

1 item of Media coverage

Forskere kritiserer ny plastikposerapport: bygger på tal fra 90erne

Syberg, K.

20/03/2018

1 item of Media coverage

Forskere kritiserer ny plastikposerapport for at bygge på gamle tal

Syberg, K.

20/03/2018

1 item of Media coverage

Forskere kritiserer overraskende rapport om plastikposer

Syberg, K.

21/03/2018

1 item of Media coverage

Forskere: Reducér plastforbrug før genanvendelse

Syberg, K.

11/06/2024

1 item of Media coverage

Forskerer kritiserer rapport

Syberg, K.

05/04/2018

1 item of Media coverage

Forskere: Ryd op i verdens lossepladser, før plastaffaldet ender i havet

Syberg, K.

27/02/2024 → 11/03/2024

2 items of Media coverage

Forskere uenige om mikroplast: For tidligt at frikende karkluden og fleecetrøjen

Syberg, K. & Palmqvist, A.

23/03/2017

1 Media contribution

Forskere uenige om mikroplast: For tidligt at frikende karkluden og fleecetrøjen

Syberg, K. & Palmqvist, A.

23/03/2017

1 item of Media coverage

Forskere uenige om mikroplast: For tidligt at frikende karkluden og fleecetrøjen

Syberg, K.

23/03/2017

1 item of Media coverage

Forsker får 57.000 forskningsassistenter

Syberg, K.

03/12/2019

1 item of Media coverage

Forsker: 'Hvis plastik blev opfundet i dag, ville det ikke blive tilladt'

Syberg, K.

02/06/2021

1 item of Media coverage

Forsker kalder cigaretfiltre et gammelt markedsføringstrick: Forbyd dem, lyder opfordringen

Syberg, K.

05/01/2023

1 item of Media coverage

Forsker smider kitlen og står til søs

Syberg, K.

12/06/2015

1 item of Media coverage

Forsker: Vi er udsat for en ureguleret kemi-cocktail

Syberg, K.

30/05/2017

1 item of Media coverage

Forureningen med plastik er ikke kun de andres ansvar

Syberg, K.

13/06/2018

1 item of Media coverage

Forvirring: Er plast eller bomuld bedst til indkøbsposer?

Syberg, K.

21/03/2018

1 item of Media coverage

Fra blad til fad

Syberg, K.

18/11/2016

1 item of Media coverage

Fynsk farvand fyldt med plastik: Nu er EU nærmere forbud

Syberg, K.

24/10/2018

1 item of Media coverage

Først ozonhullet, så klimaændringerne, nu plastikplagen

Syberg, K.

10/02/2016

1 item of Media coverage

Først var det klimatopmødet - nu spænder saudierne ben for global plastikaftale

Syberg, K.

29/11/2024

1 item of Media coverage

Genbrug er vigtigere, end om indkøbsposen er af stof

Syberg, K.

24/03/2018

1 item of Media coverage

Gift i din frugt: Her er der fundet flest og færrest pesticider

Syberg, K.

20/11/2015

1 item of Media coverage

Gift i din frugt: Her er der fundet flest og færrest pesticider

Syberg, K.

20/11/2015

1 item of Media coverage

Glemte plastfiskekøkken skader dyrelivet

Syberg, K.

11/07/2017

1 item of Media coverage

Gråsten Skole indsamlede mest plastaffald i hele Syddanmark

Syberg, K.

26/01/2020

1 item of Media coverage

Havets skraldemand: Skipper kommer ofte i land med 30 kilo plastaffald på dækket

Syberg, K.

29/09/2019

1 item of Media coverage

Helt nye tal: Vi smider stadig flere cigaretskod i naturen

Syberg, K.

10/12/2024

1 item of Media coverage

Her er der mest gift i din frugt

Syberg, K.

22/11/2015

1 item of Media coverage

Hormonforstyrrende børnetyggegummi

Syberg, K.

25/03/2019

1 item of Media coverage

Hormonforstyrrende stoffer på gafflen

Syberg, K.

23/06/2015

1 item of Media coverage

How to make plastic less of an environmental burden

Syberg, K.

16/11/2022

1 item of Media coverage

Hvert tredje stykke plastaffald i naturen er cigaretskod

Syberg, K.

27/01/2020

1 item of Media coverage

Hvorfor har naturen svært ved at nedbryde plastik

Syberg, K.

19/09/2019

1 item of Media coverage

Hvor meget plastikaffald er der i Danmark? 57.000 elever bliver forskningsassistenter i kæmpe eksperiment

Syberg, K.

16/09/2019

1 item of Media coverage

I denne uge undersøger 30.000 elever deres egen skraldespand

Syberg, K.

27/08/2024

1 item of Media coverage

Internationalt plastikoprydning indledes: »Projektet skraber bogstavelig talt overfladen«

Syberg, K.

08/09/2018

1 item of Media coverage

I videnskabens navn: 6.000 syddanske elever i stort eksperiment

Syberg, K.

16/09/2019

1 item of Media coverage

Jagten på det forsvundne plastik

Palmqvist, A. & Syberg, K.

08/11/2020

1 item of Media coverage

Klar prioritering for oprydning af plastaffald

Syberg, K.

30/04/2024

1 item of Media coverage

Kollegie kvitter plastik: - Jeg håber, at vi bliver gode til at sortere

Syberg, K.

16/09/2019

1 item of Media coverage

Kommende EU-forbud kan blive en bombe under lokale fodboldklubber

Syberg, K.

03/03/2023

1 item of Media coverage

Kortlægning: Cigaretskodder den største plastsynder i naturen

Syberg, K.

27/01/2020

2 items of Media coverage

Kritik af plastikposerapport: Den bygger på tal fra 90'erne

Syberg, K.

23/03/2018

1 item of Media coverage

Kritik af regeringens affaldsmål: - Det er helt urealistisk

Syberg, K.

18/05/2020

1 item of Media coverage

Kæmpeeksperiment afslører: Elever i Horsens indsamlede 86 gange så mange cigaretskod som nabokommune

Syberg, K.

10/12/2024

2 items of Media coverage

Københavns Kommune lancerer »skodsikker« kampagne - 87 af 100 stykker affald i gaderne kommer fra cigaretter

Syberg, K.

24/06/2019

1 item of Media coverage

Laboratorium fandt mikroplast i mange fødevarer

Syberg, K.

24/03/2015

1 item of Media coverage

Mange fødevarer indeholder plastik

Syberg, K.

24/03/2015

1 item of Media coverage

Masseeksperiment afslører danskernes plastikvaner

Syberg, K.

30/01/2020

1 item of Media coverage

Masseeksperiment: Elever skal kortlægge plastforureningen

Syberg, K.

16/09/2019

1 item of Media coverage

Masseeksperimentet: 30.000 elever har kortlagt plastaffald i naturen og overforbrug i klædeskabet

Syberg, K.

10/12/2024

1 item of Media coverage

Masseeksperimentet: Cigaretskodder og slikpapir er på toppen af listen over plastikaffald

Syberg, K.

27/01/2020

1 item of Media coverage

Masseeksperimentet: Intet forurener så meget som cigaretskodder

Syberg, K.

27/01/2020

1 item of Media coverage

Masser af engangspplast i naturen

Syberg, K.

02/03/2020

1 item of Media coverage

Meget plastikaffald smidt i naturen kan ikke genanvendes

Syberg, K.

27/01/2020

2 items of Media coverage

Mens det globale plastikbjerg vokser, rinder tiden for en miljøaftale ud

Syberg, K.

30/04/2024

1 item of Media coverage

Mikroplast fra Europa ender i Det Arktiske Ocean, viser nyt studie

Syberg, K.

18/03/2022

1 item of Media coverage

Mikroplast fundet i dansk drikkevand

Syberg, K.

19/09/2017

1 item of Media coverage

Mikroplastik: Asbestlignende og måske kræftfremkaldende

Syberg, K.

24/03/2015

1 item of Media coverage

Mikroplastik er fundet i nyfalden antarktisk sne for første gang

Syberg, K.

10/06/2022

1 item of Media coverage

Mikroplastik truer verdens have

Syberg, K.

15/12/2016

1 item of Media coverage

Millioner af små filtre ødelægger oplevelser og naturen - men vi ved ikke nok, siger eksperter

Syberg, K.

30/03/2019

1 item of Media coverage

Mindre plastikaffald og mere genbrug på hospitaler

Syberg, K. & Oturai, N. G.

10/09/2024

3 items of Media coverage

Mindre plastikforbrug = mindre genanvendelse

Syberg, K.

22/04/2024

1 item of Media coverage

Muligt EU-forbud kan blive en bombe under lokale fodboldklubber

Syberg, K.
03/03/2023

1 item of Media coverage

Mytedræber: Nej, karklude og nyvaskede fleecetrøjer er ikke store miljøsyndere

Syberg, K.
08/08/2020

1 item of Media coverage

Myte får rygere til at smide skodder - nu vil kommune den til livs

Syberg, K.
24/06/2019

1 item of Media coverage

Naturen tilpasser sig plasttør og mikroplast: »Kan det spises, vil nogen gøre det«

Syberg, K.
16/12/2021

1 item of Media coverage

Netto indfører pant på plastikposer

Syberg, K.
22/03/2018

1 item of Media coverage

Ni klasser fra Horsens indsamlede i alt 1720 stykker plast

Syberg, K.
18/12/2024

1 item of Media coverage

Ny aftale sætter en stopper for engangsemballage – her er de allerede ved at droppe det

Syberg, K.
05/03/2024

1 item of Media coverage

Ny rapport peger fingre: Har plastikbranchen løjet om genanvendelse i over 30 år?

Syberg, K.
06/04/2024

1 item of Media coverage

Nyt center skal samle og styrke den danske forskning om plast i havet

Syberg, K.
18/12/2018

1 item of Media coverage

Ny test modsiger advarsel mod drikkedunke – “fuldstændig misvisende”, siger DBU-direktør

Syberg, K.
06/08/2024

1 item of Media coverage

Nyt forskningsprojekt skal gøre os klogere på danskernes affaldsvaner med udgangspunkt i den hidtil største kortlægning

Syberg, K.
09/02/2024

1 item of Media coverage

Nyt forskningsprojekt skal kulegrave hvordan landets hospitaler mindsker affaldsmængderne

Syberg, K.
29/09/2022

1 item of Media coverage

Nyt studie: Bioplast er også fyldt med skadelige kemikalier

Syberg, K.
18/11/2020

1 item of Media coverage

Nyt studie fastslår: Bioplast er ikke sikrere end konventionel plast

Syberg, K.
26/11/2020

1 item of Media coverage

Nyt studie: Mikroplast kan komme ind i hjernen på mus - gælder det også for mennesker?

Syberg, K.
17/12/2021

1 item of Media coverage

Nyt superenzym spiser plastikflasker

Syberg, K.
30/09/2020

1 item of Media coverage

Ny undersøgelse finder plastik i helt almindelige madvarer

Syberg, K.
24/03/2015

1 item of Media coverage

Orientering på P1

Syberg, K.
05/12/2016

1 Media contribution

Over 100 potentielt skadelige kemikalier fundet i plastlegetøj

Syberg, K.
06/03/2021

1 item of Media coverage

Over al forventning: Danskerne når EU-målsætning fire år før tid

Syberg, K.
06/12/2021

1 item of Media coverage

Pesticidrester i mere end halvdelen af ikke-økologisk frugt og grønt

Syberg, K.
18/06/2019

1 item of Media coverage

Plasticaktivismen vinder frem

Syberg, K.
31/07/2017

1 item of Media coverage

Plastic er coronakrisens store vinder

Syberg, K.
19/05/2020
1 item of Media coverage

Plastic not so fantastic

Syberg, K.
26/09/2019
1 item of Media coverage

Plastikaffald ødelægger naturen: Her er eksperternes bud på en løsning

Syberg, K.
05/05/2019
1 item of Media coverage

Plastik hober sig op i verdenshavene

Syberg, K.
13/04/2015
1 item of Media coverage

Plastik i det danske havvand

Syberg, K.
05/07/2016
1 item of Media coverage

Plastik i havene skal bekæmpes med samme styrke som coronavirus, siger professor

Syberg, K.
03/05/2020
1 item of Media coverage

Plastik i mad

Syberg, K.
24/03/2015
1 item of Media coverage

Plastikmareridt på Atlanten

Syberg, K.
25/06/2015
1 item of Media coverage

Plastik-problem skal løses i Roskilde Fjord

Syberg, K.
22/01/2016
1 item of Media coverage

Plastikrester flyder i de danske farvande

Syberg, K.
05/07/2016
1 item of Media coverage

Plastik skal bekæmpes i fjorden

Syberg, K.
19/01/2016
1 item of Media coverage

Populære drikkedunke til børn afgiver problematiske stoffer ved maskinvask, viser ny undersøgelse

Syberg, K.

12/07/2024

1 item of Media coverage

På jagt efter plastik: - Adr, den er helt vild ulækker

Syberg, K.

16/09/2019

1 item of Media coverage

På plasticjagt: »Det er bedre end at sidde indenfor på en stol og kede sig«

Syberg, K.

16/09/2019

1 item of Media coverage

Rekordmange børn skal samle plastik i videnskabens navn: »Det her er kæmpestort«

Syberg, K.

16/09/2019

1 item of Media coverage

Resultat af Masseeksperiment 2019: Cigarettskod er største plastaffaldsproblem overalt i den danske natur

Syberg, K.

24/01/2020

1 item of Media coverage

Risiko for mere mikroplast

Syberg, K.

15/08/2021

1 item of Media coverage

Roskilde Fjord skal give svar på kæmpe plastik-problem

Syberg, K.

22/01/2016

1 item of Media coverage

RUC-forsker er med helt i front, når 57.000 børn og unge undersøger plastforureningen i Danmark

Syberg, K.

16/09/2019

1 item of Media coverage

RUC-forskere vinder pris: Plastik-forurening skal bekæmpes – og DU skal være med

Syberg, K.

07/06/2018

1 item of Media coverage

Rygere sviner naturen til med cigaretskod

Syberg, K.

27/01/2020

3 items of Media coverage

Samlede plastaffald langs strækning på 355 kilometer - minister 'dybt bekymret' over fund

Syberg, K.

27/01/2020

1 item of Media coverage

SF og Venstre står sammen: Helsingør skal gå til kamp mod mikroplast i hav og drikkevand

Syberg, K.
20/09/2017

1 item of Media coverage

Skal stofposen bruges 7.100 gange for at være mere miljøvenlig end plastikposen?

Syberg, K.
20/03/2018

1 Media contribution

Skal stofposen bruges 7.100 gange for at være mere miljøvenlig end plastikposen?

Syberg, K.
20/03/2018

1 item of Media coverage

Skal vi afblæse frygten for mikroplast i havet? Ekspert er delte

Syberg, K.
27/02/2023

1 item of Media coverage

Skoleelever fandt 112.000 cigaretskod på to uger

Syberg, K.
04/02/2020

1 item of Media coverage

Skoleelever samler plastikaffald i en højere sags tjeneste

Syberg, K.
16/09/2019

1 item of Media coverage

Skoleelever samler plastik i Masseeksperimentet

Syberg, K.
16/09/2019

1 item of Media coverage

Skoleelever smed skrald i naturen - nu stopper de efter overraskende fund

Syberg, K.
27/01/2020

1 item of Media coverage

Skoleelever tackler plastproblem

Syberg, K.
16/09/2019

1 item of Media coverage

Skoleelever finder over 112.000 cigaretskodder i naturen

Syberg, K.
27/01/2020

1 item of Media coverage

Skræmmende kortlægning: Skoleelevers affaldsindsamling afslører massiv plastforurening

Syberg, K.
27/01/2020

1 item of Media coverage

Stofpose eller plastikpose: Hvilken skal jeg vælge?

Syberg, K.

20/03/2018

1 Media contribution

Stofpose eller plastikpose: Hvilken skal jeg vælge?

Syberg, K.

20/03/2018

1 item of Media coverage

Stofposen vinder ikke over plastik

Syberg, K.

27/03/2018

1 item of Media coverage

Stort projekt skal sænke hospitalers plastik- og tekstilforbrug

Syberg, K. & Oturai, N. G.

10/09/2024

1 item of Media coverage

Studie afblæser frygt for mikroplastik i havene - men konklusion går alt for langt, mener miljøbiolog

Syberg, K.

26/02/2023

1 item of Media coverage

Studie hævder: Vores hjerner er fulde af mikroplast

Syberg, K.

23/10/2024

1 item of Media coverage

Studie: Mikroplast fra Europa ender i Arktis

Syberg, K.

19/03/2022

1 item of Media coverage

Supermarkeder sender plastikvatpinde på porten

Syberg, K.

25/05/2018

1 item of Media coverage

Supermarkeder sender plastikvatpinde på porten

Syberg, K.

25/05/2018

1 item of Media coverage

Supermarkeder sender plastikvatpinde på porten

Syberg, K.

26/05/2018

1 item of Media coverage

Sygehusene bruger engangsplast

Syberg, K.

01/07/2018

1 item of Media coverage

Såeh er plastikposer rent faktisk bedst for miljøet? Kritiseret undersøgelse var lidt for kæk

Syberg, K.

21/03/2018

1 item of Media coverage

Thy vil være fri for plastikskrald

Syberg, K.

05/07/2017

1 item of Media coverage

Til kamp mod hospitalers plastforbrug

Syberg, K.

17/10/2022

1 item of Media coverage

Tisvildeleje får Danmarks første røgfrie strand

Syberg, K.

27/06/2019

1 item of Media coverage

Top 10 over plasticaffald i Nordjylland - især denne stump er smidt alle vegne

Syberg, K.

27/01/2020

1 item of Media coverage

TV2-program minder os om vores fælles ansvar for at forebygge plast i naturen

Syberg, K.

16/09/2019

1 item of Media coverage

Undersøgelse afslører plastikrester i fødevarer

Syberg, K.

24/03/2015

1 item of Media coverage

Undersøgelse: Der er plastik i din mad

Syberg, K.

24/03/2015

1 item of Media coverage

Unge kortlægning af plastforurening overrasker: Cigarettekodder overalt i naturen

Syberg, K.

27/01/2020

1 item of Media coverage

'Upcycling' Ocean Plastic Trash Comes into Fashion

Syberg, K.

07/08/2017

1 Media contribution

Verdenshavene er ved at drukne i plastic

Syberg, K.

04/09/2017

1 item of Media coverage

Vi aner ikke, om mikroplast i drikkevandet er farligt

Syberg, K.
20/09/2017
1 item of Media coverage

Vi bruger færre plastikbæreposer

Syberg, K.
11/01/2022
1 item of Media coverage

Videnskabens Verden: Hvad vi ikke ved om mikroplastik

Syberg, K.
22/03/2017
1 Media contribution

Videnskabens Verden: Hvad vi ikke ved om mikroplastik

Syberg, K.
22/03/2017
1 item of Media coverage

Vi dropper plastikposen, men hvad er egentlig bedste alternativ?

Syberg, K.
06/12/2021
1 item of Media coverage

Vi er gode til at sortere plast, men alt for dårlige til at genanvende

Syberg, K.
03/08/2021
1 item of Media coverage

Vil minister gøre os trygge?

Syberg, K.
04/06/2015
1 item of Media coverage

Virker forbud mod plastiksugerør, eller er vi blevet fanget i EU's symbolpolitik?

Syberg, K.
05/06/2024
1 item of Media coverage

»Vores hav dør jo i al det plasticlort«

Syberg, K.
24/07/2017
1 Media contribution

Projects

An ocean of opportunities (plastic waste in Roskilde Fjord)

Christensen, T. B. (Project participant), Syberg, K. (Project participant), Palmqvist, A. (Project participant) & Khan, F. (Project participant)
01/02/2016 → 31/12/2018

Better regulation of chemicals

Selck, H. (Project participant), Syberg, K. (Project participant) & Nørgaard, K. B. (Project participant)
15/12/2011 → 14/11/2014

CircleHealth - Circularity of plastics and textiles in the healthcare sector

Christensen, T. B. (Project participant), Syberg, K. (Project manager) & Oturai, N. G. (Project participant)
01/10/2022 → 01/10/2026

ESiRF: Ecosystems Services in Roskilde Fjord

Banta, G. T. (Project participant), Syberg, K. (Project participant), Lund, S. (Project participant), Almlund, P. (Project participant) & Grindsted, T. S. (Project participant)
11/06/2018 → 31/12/2020

Environmental Governance Course (DANIDA)

Syberg, K. (Project participant), Christensen, T. B. (Project participant) & Hauggaard-Nielsen, H. (Project participant)
01/01/2019 → 31/12/2019

Forprojekt for offentlig privat innovation i plastens værdikæde

Christensen, T. B. (Project participant) & Syberg, K. (Project participant)
01/02/2021 → 28/02/2022

MarinePlastic - The Danish center for research in marine plastic pollution

Palmqvist, A. (Project participant), Syberg, K. (Project participant), Oturai, N. G. (Project participant) & Sandgaard, M. H. (Project participant)
01/02/2019 → 31/01/2023

Organism to ecosystem level effects of marine plastic pollution at environmentally realistic concentrations

Sandgaard, M. H. (Project participant), Palmqvist, A. (Project participant) & Syberg, K. (Project participant)
08/07/2019 → 07/03/2023

Plasthåndtering i Region Sjælland

Syberg, K. (Project participant), Christensen, T. B. (Project participant) & Ramos, T. M. (Project participant)
01/01/2020 → 31/12/2023

QUISIMEME

Syberg, K. (Project participant)

Roskilde Environmental Plastic Society

Syberg, K. (Project manager), Oturai, N. G. (Project participant), Thomsen, T. P. (Project participant), Jensen, A. T. B. (Project participant), Ramos, T. M. (Project participant), Palmqvist, A. (Project participant), Sandgaard, M. H. (Project participant), Jepsen, P. M. (Project participant), Christensen, T. B. (Project participant), Hooge, A. (Project participant), Hauggaard-Nielsen, H. (Project participant), Johansen, J. L. (Project participant), Lyngsie, G. (Project participant) & Lorenz, C. (Project participant)
01/04/2021 → ...

Udvikling af gærttest til bestemmelse af kemikaliers og miljøprøvers genotoksiske effekter

Syberg, K. (Project participant), Rank, J. (Project participant) & Jensen, K. (Project participant)
01/03/2007 → 28/02/2008