

List of Publications —MARIA GREGER

Scientific Publications

(Paper with review system = R; Included in thesis = X)

1. **RX Greger M. & Lindberg S., 1986.** Effects of Cd²⁺ and EDTA on young sugar beets (*Beta vulgaris*). I. Cd²⁺ uptake and sugar accumulation. — *Physiologia Plantarum* 66: 69-74.
2. **RX Greger M. & Lindberg S., 1987.** Effects of Cd²⁺ and EDTA on young sugar beets (*Beta vulgaris*). II. Net uptake and distribution of Mg²⁺, Ca²⁺ and Fe²⁺/Fe³⁺. — *Physiologia Plantarum* 69: 81-86.
3. **RX Greger M., 1989.** Cadmium Effects on Carbohydrate Metabolism in Sugar Beet (*Beta vulgaris*). — **Thesis**, Stockholm University, ISBN 91-7146-717-3
4. **R Kronestedt-Robards E. C., Greger M. & Robards A. W., 1989.** The nectar of the *Strelizia Reginae* flower. — *Physiologia Plantarum* 77: 341-346.
5. **RX Greger M., Brammer E. S., Lindberg S., Larsson G. & Idestam-Almquist J., 1991.** Uptake and physiological effects of cadmium in sugar beets (*Beta vulgaris*) related to mineral provision. — *Journal of Experimental Botany* 42: 729-737.
6. **R Lindberg S., Szykier K. & Greger M., 1991.** Aluminum effects on transmembrane potential in cells of fibrous roots of sugar beet. — *Physiologia Plantarum* 83: 54-62.
7. **RX Greger M. & Ögren E., 1991.** Direct and indirect effects of Cd²⁺ on the photosynthesis and CO₂-assimilation in sugar beets (*Beta vulgaris*). — *Physiologia Plantarum* 83: 129-135.
8. **R Greger M. & Kautsky L., 1991.** Effects of Cu, Pb, and Zn on two species of *Potamogeton* grown in field conditions. — *Vegetatio* 97: 173-184.
9. **RX Greger M. & Bertell G., 1992.** Effects of Ca²⁺ and Cd²⁺ on the carbohydrate metabolism in sugar beet (*Beta vulgaris*). — *Journal of Experimental Botany* 43: 167-173.
10. **R Greger M., Tillberg J.-E. & Johansson M., 1992.** Aluminium effects on *Scenedesmus obtusiusculus* with different phosphorus status. I. Mineral uptake. — *Physiologia Plantarum* 84: 193-201.
11. **R Greger M., Tillberg J.-E. & Johansson M., 1992.** Aluminium effects on *Scenedesmus obtusiusculus* with different phosphorus status. II. Growth, photosynthesis, and pH. — *Physiologia Plantarum* 84: 202-208.

12. **R** Greger M. & Johansson M., 1992. Cadmium effects on leaf transpiration of sugar beet (*Beta vulgaris*). — *Physiologia Plantarum* 86: 465-473.
13. **R** Greger M. & Kautsky L., 1993. Use of macrophytes for mapping bioavailable heavy metals in shallow coastal areas. — *Applied Geochemistry*, Suppl. Issue 2: 37-43.
14. **R** Greger M., Johansson M., Hamza K. & Stihl A., 1993. Foliar uptake of cadmium in sugar beet (*Beta vulgaris*) and Pea (*Pisum sativum*). — *Physiologia Plantarum* 88: 563-570.
15. **R** Landberg T. & Greger M., 1994. Influence of selenium on uptake and toxicity of copper and cadmium in pea (*Pisum sativum*) and wheat (*Triticum aestivum*). — *Physiologia Plantarum* 90: 637-644
16. **R** Opaskornkul C., Greger M. & Tillberg J.-E., 1994. Effects of apoplastic sucrose on carbohydrate pools and sucrose efflux of mesophyll protoplasts of pea (*Pisum aestivum*). — *Physiologia Plantarum* 90: 685-691
17. **R** Greger M., Kautsky L. & Sandberg T., 1995. A tentative model of Cd uptake in *Potamogeton pectinatus* in relation to salinity. — *Environmental and Experimental Botany* 35: 215-225
18. **R** Landberg T. & Greger M., 1996. Differences in uptake and tolerance to heavy metals in *Salix* from unpolluted and polluted areas. — *Applied Geochemistry* 11: 175-180.
19. **R** Lewander M., Greger M., Szarek E. & Kautsky L., 1996. Heavy metal flow and distribution in the river Pzremsza, Katowice region, using macrophytes. — *Applied Geochemistry* 11: 169-173.
20. **R** Lindberg S., Szykier K. & Greger M., 1998. Aluminium effects on transmembrane potential in root cells of spruce in relation to pH and growth temperature. — *J. Plant Nutr.* 21: 975-985.
21. **R** Greger M. & Landberg T., 1999. Use of willow in phytoextraction. — *Int. J. Phytorem.* 1:115-123.
22. **R** Österås A. H., Ekvall L. & Greger M., 2000. Sensitivity to and accumulation of Cd in *Betula pendula*, *Picea abies* and *Pinus sylvestris* seedlings from different regions in Sweden. — *Can. J Bot.* 78: 1-11.
23. **R** Prasad M. N. V., Greger M. & Landberg T., 2001. *Acacia nilotica* L. bark removes toxic elements from solution: Corroboration from toxicity bioassay using *Salix viminalis* L. in hydroponic system. — *Int. J. Phytorem.* 3: 289-300.

24. **R** Landberg T. & Greger M., 2002 Differences in oxidative stress in heavy metal resistant and sensitive clones of *Salix viminalis*. — J. of Plant Physiol. 159: 69-75.
25. **R** Stoltz E. & Greger M., 2002 Cottongrass effects on trace elements in submersed mine tailings. — J. Environ. Qual. 31: 1477-1483
26. **R** Stoltz E. & Greger M., 2002 Accumulation properties of As, Cd, Cu, Pb and Zn by four wetland-plant species growing on submersed mine tailings. — Exp. Environ. Bot. 47: 271-280.
27. **R** Landberg T. & Greger M., 2002 Interclonal variation of heavy metal interactions in *Salix viminalis*. — Environmental Toxicology and Chemistry 21: 2669-2674.
28. **R** Göthberg A., Greger M. & Bengtsson B.-E., 2002 Accumulation of heavy metals in water spinach (*Ipomea aquatica*) cultivated in the Bangkok region, Thailand. — Environmental Toxicology and Chemistry 21: 1934-1939.
29. **R** Ekvall L. & Greger M., 2003 Effects of environmental biomass-producing factors on Cd uptake in two Swedish ecotypes of *Pinus sylvestris* (L.). — Journal of Environmental Quality 121: 401-411
30. **R** Österås A. H. & Greger M., 2003. Accumulation of, and interactions between, calcium and heavy metals in wood and bark of *Picea abies*. — Journal of Plant Nutrition and Soil Science 166: 1-8
31. **R** Fritioff Å. & Greger M., 2003. Aquatic and terrestrial plant species with potential to remove heavy metals from stormwater. — Int. J. Phytoremediation 5: 211-224.
32. **R** Greger M. & Löfstedt M., 2004. Comparison of uptake and distribution of cadmium in different cultivars of bread and durum wheat. — Crop Science 44: 501-507
33. **R** Lux A., Sottniková A., Opatrná J. & Greger M., 2004. Differences in structure of adventitious roots in *Salix* clones with contrasting characteristics of Cd accumulation and sensitivity. — Physiologia Plantarum 120: 537-545.
34. **R** Greger M. & Johansson M., 2004 Aggregation effects due to aluminum adsorption to cell walls of the unicellular green alga *Scenedesmus obtusiusculus*. — Phycological Res. 52: 53-58
35. **R** Lindberg S., Landberg T. & Greger M., 2004. A new method to detect cadmium uptake in plant protoplasts. — Planta 219: 526-532
36. **R** Landberg T. & Greger M., 2004. No phytochelatins (PC2 and PC3) detected in *Salix viminalis*. — Physiologia Plantarum 121: 481-487.

37. **R. Göthberg A., Greger M., Holm K. & Bengtsson B.-E., 2004.** Influence of nutrient levels on uptake and effects of mercury, cadmium, and lead in water spinach. — *Journal of Environmental Quality* 33: 1247-1255
38. **R Wang Y. & Greger M., 2004.** Clonal differences in Hg tolerance, uptake and distribution in willow. — *Journal of Environmental Quality* 33: 1779-1785
39. **R Johansson L., Xydas C., Messios N., Stoltz E. & Greger M., 2005** Growth and Cu accumulation by plants grown on Cu containing mine tailings in Cyprus. — *Applied Geochemistry* 20: 101-107
40. **R Fritioff Å., Kautsky L. & Greger M., 2005.** Influence of temperature and salinity on heavy metal uptake by submersed plants. — *Environmental Pollution* 133: 265-274
41. **R Greger M., Wang Y. & Neuschütz C., 2005.** Absence of transpiration of Hg in different plant species. — *Environmental Pollution* 134:201-208
42. **R Greger M., 2005.** Influence of willow (*Salix viminalis* L.) roots on soil metal chemistry: Effects of clones with varying metal uptake potential. — *In Biogeochemistry of trace elements in the rhizosphere* (P. M. Huang and G. R. Gobran, eds.) pp. 301-312, Elsevier
43. **R Stoltz E. & Greger M., 2005.** Effects of different wetland plant species on fresh unweathered sulphidic mine tailings. — *Plant and Soil* 276: 251-261
44. **R Wang Y., Stauffer C., Keller C. & Greger M., 2005.** Changes in Hg fractionation in soil induced by willow. — *Plant and Soil* 275: 67-75
45. **R Österås A. H., Sunnerdahl I. & Greger M., 2005.** The impact of wood ash and green liquor dregs application on Ca, Cu, Zn and Cd contents in bark and wood of Norway spruce. — *Water, Air, and Soil Pollution* 166: 17-29.
46. **R Stoltz E. & Greger M., 2006.** Influences of wetland plants on weathered acidic mine tailings — *Environ Pollut* 144: 689-694
47. **R Fritioff Å. & Greger M., 2006.** Uptake and distribution of Zn, Cu, Cd, and Pb in an aquatic plant *Potamogeton natans*. — *Chemosphere* 63: 220-227
48. **R Wang Y.D. & Greger M., 2006.** Use of iodide to enhance the phytoextraction of mercury-contaminated soil. — *Science of the Total Environment* 368:30-39.
49. **R Österås A. H. & Greger M., 2006.** Interactions between calcium and copper or cadmium in Norway spruce. — *Biol. Plant.* 50: 647-652.
50. **R Neuschütz C., Stoltz E. & Greger M., 2006.** Root penetration of sealing layers made of fly ash and sewage sludge. — *J. Environ. Qual.* 35: 1260-1268
51. **R Stoltz S. & Greger M., 2006.** Release of metals and arsenic from various mine tailings by *Eriophorum angustifolium* — *Plant Soil* 289: 199-210

52. R **Stoltz S. & Greger M., 2006.** Root penetration through sealing layers at mine deposit sites. — *Waste Manage. Res.* 24: 552-559 (errata vol 25:392)
53. R **Göthberg A. & Greger M., 2006.** Formation of methyl mercury in an aquatic macrophyte. — *Chemosphere* 65: 2095-2105.
54. R **Greger M., Malm T. & Kautsky L., 2007.** Heavy metal transfer from composted macroalgae to crops. — *Europ. J. Agronomy.* 26: 257-265
55. R **Nyquist J. & Greger M., 2007.** Uptake of Zn, Cu, and Cd in metal loaded *Elodea canadensis*. — *Environ. Exp. Bot.* 60: 219-226
56. R **Fritioff Å. & Greger M., 2007.** Fate of cadmium in *Elodea canadensis*. — *Chemosphere* 67: 365-375.
57. R **Lindberg S., Landberg T. & Greger M., 2007.** Cadmium uptake and interaction with phytochelatins in wheat protoplasts. — *Plant Phys. Biochem.* 45: 47-53
58. R **Ohlsson A. B., Landberg T., Berglund T. & Greger M., 2008.** Increased metal tolerance in *Salix* by nicotinamide and nicotinic acid. — *Plant Phys. Biochem.* 46: 655-664
59. R **Greger M. & Landberg T., 2008.** Role of rhizosphere mechanisms in Cd uptake by various wheat cultivars. — *Plant Soil* 312: 195-205
60. R **Fältmarsch R., Östholm P., Greger M. & Åström M. 2009.** Metal concentration in oats (*Avena sativa* L.) grown on acid sulphate soils. — *Agricultural and Food Science* 18: 45-56.
61. R **Stjernman Forsberg L., Berggren Kleja D., Greger M. & Ledin S. 2009.** Effects of sewage sludge on solution chemistry and plant uptake of Cu in sulphide mine tailings at different weathering stages. — *Applied Geochemistry* 24: 475-482
62. R **Nyquist J. & Greger M. 2009.** Response of two wetland plant species to Cd exposure at low and neutral pH. — *Environ. Exp. Bot.* 65: 417-424
63. R **Nyquist J. & M. Greger 2009.** A field study of constructed wetlands for preventing and treating acid mine drainage. — *Ecological Engineering* 35: 630-642
64. R **Neuschütz C. & M. Greger 2010.** Stabilization of mine tailings using fly ash and sewage sludge planted with *Phalaris arundinacea* L. — *Water Air Soil Pollut.* 207: 357-367.
65. R **Neuschütz C. & Greger M. 2010.** Ability of various plant species to prevent leakage of N, P, and metal from swage sludge. — *International Journal of Phytoremediation* 12(1): 67-84.
66. R **Neuschütz C., Boström D. & Greger M. 2010.** Root growth into sealing layers of fly ash. — *Journal of Plant Interactions* 5: 75-85.

67. R **Greger M. & Dabrowska B. 2010.** Influence of nutrient level on methyl mercury content in water spinach. — *Environmental Toxicology and Chemistry* 29: 1735-1739
68. R **Javed M. T. & Greger M. 2010.** Cadmium triggers *Elodea canadensis* to change the surrounding water pH and thereby Cd uptake. — *International Journal of Phytoremediation* 13: 95-106
69. R **Landberg T., Jensen P. & Greger M. 2011.** Strategies of cadmium and zinc resistance in willow by regulation of net accumulation. — *Biologia Plantarum* 55: 133-140.
70. R **Bergqvist C. & Greger M. 2012.** Arsenic accumulation and speciation in plants from different habitats. — *Applied Geochemistry* 27: 615-622.
71. R **Vaculik M., Landberg T., Greger M., Luxova M., Stolarikova M. & Lux A. 2012.** Silicon modifies root anatomy, and uptake and subcellular distribution of cadmium in young maize plants. — *Ann. Bot.* 110(2): 433-443.
72. R **Javed M. T., Stoltz E., Lindberg S. & Greger M. 2013.** Changes in pH and organic acids in mucilage of *Eriophorum angustifolium* roots after exposure to elevated concentrations of toxic elements. — *Environ. Sci. Pollut. Res.* 20: 1876-1880.
73. R **Pourghasemian N., Ehsanzadeh P. and Greger M. 2013.** Genotypic variation in safflower (*Carthamus* spp.) cadmium accumulation and tolerance affected by temperature and cadmium levels. — *Environ. Exp. Bot.* 87: 218-226.
74. R **Javed M. T., Lindberg S. & Greger M. 2014.** Cadmium uptake in *Elodea canadensis* leaves and its interference with extra- and intra-cellular pH. — *Plant Biol.* 16: 615-621.
75. R **Bergqvist C., Herbert R., Persson I. & Greger M. 2014.** Plants influence on arsenic availability and speciation in the rhizosphere, roots and shoots of three different vegetables. — *Environ. Pollut.* 184: 540-546.
76. **Greger M. & Landberg T. 2015.** Novel field data on phytoextraction: Precultivation with *Salix* reduces cadmium in wheat grains. — *Int. J. Phytorem.* 17: 917-924.
77. **Greger M. & Landberg T. 2015.** Silicon decreases cadmium and arsenic in field grown crops. — *Silicon.* (DOI 10.1007/s12633-015-9338-z)
78. **Greger M, Bergqvist C, Sandhi, A, Landberg T. 2015.** Influence of silicon on arsenic uptake and toxicity in lettuce. — *J. Appl. Bot.. Food Qual.* 88: 234-240
DOI:10.5073/JABFQ.2015.088.034

79. **Greger M., Kabir A. H., Landberg T., Maity P. J. & Lindberg S. 2016.** Silicate reduces cadmium uptake into cells of wheat. — *Environmental Pollution* 211: 90-97

Proceedings
(Reviewed= R)

1. **R Lindberg S., Greger M. & Johansson L., 1982.** *In vivo* effects of Na⁺ and K⁺ on sugar accumulation and ATPase activity in young sugar beets. — *In Plant Metabolism Regulation* (E. Karanov, N. Babalakov and K. L. Demirevska-Kepova, eds.) pp. 28-30, Bulgarian Academy of Sciences, Sofia, Bulgaria.
2. **R Greger M., 1983.** Effects of Cd and EDTA on sugar accumulation in young sugar beets. — *In Membrane transport in plants* (W.J. Cram, K. Janáček, R. Rybová and K. Sigler, eds.) pp. 400-401, Academia Praha, Czecho-Slovakia.
3. **Greger M., 1992.** Upptag och effekter av kadmium på växter speciellt på vattenomsättningen. — *In Energiskog som vegetationsfilter för slam, avloppsvatten, lakvatten och aska. Rapport från seminarium den 14 november 1991, Ultuna, Uppsala.* (K. Perttu, ed), pp. 51-58, Rapport 46, Avd. f. Skoglig intensivodling, SLU. ISBN 91-576-4497-7.
4. **Greger M. & Kautsky L., 1992.** Uptake of heavy metals by macrophytes — a comparison between field samples and controlled experiments. — *In. Proceedings from the 12th Baltic Marine Biologist symposium, Helsingör 1991,* (E. Bjørnestad, L. Hagerman, K. Jensen, eds), pp. 67-69, Olsen & Olsen, Special-Trykkeriet, Viborg, ISBN 87-85215-25-2.
5. **Landberg T. & Greger M., 1994.** Can heavy metal tolerant clones of *Salix* be used as vegetation filters on heavy contaminated land?. — *In Willow vegetation filters for municipal wastewaters and sludges. A biological purification system. Proc. of a study tour, conference and work shop in Sweden, 5-10 June 1994.* Ultuna, Uppsala. (P. Aronsson & K. Perttu, eds), pp. 133-144, Rapport 50, Avd. f. Skoglig intensivodling, SLU. ISBN 91-576-4916-2.
6. **Greger M. & Landberg T., 1996.** Kadmiumupptag och tolerans hos olika *Salix*kloner. Skillnader som möjliggör olika användningsområden. — *In Salix som kadmiumfilter, 7th Sept. 1995,* (ed A. Göransson), pp. 15-28, Rapport 55, Avd. f. Skoglig intensivodling, SLU. ISBN 91-576-5110-8.
7. **Greger M. & Landberg T., 1997.** Use of willow clones with high Cd accumulating properties in phytoremediation of agricultural soils with elevated Cd levels. — *In Proceeding of 3rd Int. congress on the Biogeochemistry of trace elements, Paris, May 1995,* ed. R. Prost, INRA Editions, pp. 505-511. ISBN 2-7380-0775-9

8. **Greger M., 1997.** Salix as phytoremediator of heavy metal contaminated soil. — *In* Proceeding of 2nd Int. Conf. on Element Cycling in the Environment, Warsaw, Oct 1997, pp. 167-172. ISBN 83-85805-43-5.
9. **Österås A. H., Ekvall L. & Greger M., 1997.** Differences in cadmium sensitivity and uptake of Cd of forest trees from different provinances in Sweden. An ash application problem? — *In* Proceeding of 2nd Int. Conf. on Element Cycling in the Environment, Warsaw, Oct 1997, pp. 97-104. ISBN 83-85805-43-5.
10. **Greger M. & Ekvall L., 1999.** Kadmiumupptaget hos *Salix* vid olika rotdjup. — *In* Kadmium i jordbrukssamhället ger odling av *Salix* en möjlighet att minska kadmiumbelastningen? ,20th Nov. 1998, (eds K. Perttu & A. Göransson), pp. 51-56, Rapport 65, Dept Short Rotation Forestry, SLU. ISBN 91-576-5684-3.
11. **Stoltz E. & Greger M., 2001.** Wetland plant reduce metal content in drainage water from submersed tailings. — Proceeding. Securing the future. Int. Conf. on mining and the environment. Skellefteå. 2001. pp. 806-813.
12. **Stoltz E., Greger M. & Höglund L.-O., 2002** MiMi - Establishment of vegetation on water covered mine wastes - Integration in the performance assessment framwork. — Proc. 8th Ann. British Columbia ML/ARD Workshop, Nov. 2001 Vancouver, Canada
13. **Landberg, T. & Greger M., 2003.** Influence of N and N supplementation on Cd accumulation in wheat grain. — 7th International Conference on the Biogeochemistry of Trace Elements, Uppsala '03, Conference Proceedings. Vol. 1. Upsala,, Sweden: SLU Service.
14. **R Nyquist J. & Greger M., 2005.** The role of plants in a wetland treating Acid Mine Drainage — Proceeding. Securing the future. Int. Conf. on mining and the environment. Skellefteå. 2005. pp. 795-803.
15. **R Neuschütz C., Stoltz E. & Greger M., 2005.** Choice of vegetation for treatment of mine tailings covered with fly ashes and sewage sludge. — Proceeding. Securing the future. Int. Conf. on mining and the environment. Skellefteå. 2005. pp. 779-786.
16. **Greger M., Neuschütz C., Landberg T., Göthberg A., Nyquist J. & Dabrowska B., 2007.** Phytoremediation and metal uptake in food plants. — ECO-TECH'07, Kalmar, November, 2007.
17. **R Neuschütz C., Isaksson K.-E., Lundmark M. & Greger M. 2009.** Evaluation of a dry-cover treatment consisting of vegetated sewage sludge and fly ash. — Proceeding. Securing the future. Int. Conf. on mining and the environment. Skellefteå. 2009.
18. **Greger, M., Sandhi, A., Nordstrand, D., Bergqvist, C., Rennerfelt, H. N., 2012.** Water cleaning from toxic elements using phytofiltration with *E. canadensis*. Bhattacharya, P., Rosborg, I., Sandhi, A., Hayes, C., Benoliel, M. J. (eds.) *In*:

Proceedings of the 4th Int. conference COST Action 637: Metals and related substances in drinking water. IWA Publishing, London, pp 183-187.

19. **Greger M., 2012.** Phytoremediation of arsenic – does it work? — Proceeding of Arsenic in the environment, Cairns, Australia 2012 (eds Bundschuh J., Bhattacharya P.), Pp. 104-105, CRC Press
20. **Sandhi A. & Greger M., 2012.** Phytostabilization of arsenic: Is it possible by growing Salix spp. In the contaminated sites? — Proceeding of Arsenic in the environment, Cairns, Australia 2012 (eds Bundschuh J., Bhattacharya P.), Pp. 328-329, CRC Press
21. **Greger M., Landberg T., Herbert R. & Persson I. 2014.** Arsenic speciation in submerged and terrestrial soil plant systems. — One Century of the Discovery of Arsenicosis in Latin America (1914-2014) As2014: Proceedings of the 5th International Congress on Arsenic in the Environment, May 11-16, 2014, Buenos Aires, Argentina. CRC Press, 2014.

Books and book chapters

1. **Greger M., 1999.** Metal availability and bioconcentration. — *In.* Heavy Metal Stress in Plants - From Molecules to Ecosystems (M. N. V. Prasad and J. Hagemeyer, eds), pp 1-27, Springer Verlag, Heidelberg, Germany
2. **Prasad M. N. V, Greger M. & Smith B. N., 2001.** Aquatic macrophytes. — *In.* Metals in the environment: Analysis by biodiversity. (M. N. V. Prasad, ed), pp. 259-288. Marcel Dekker inc. New York, USA
3. **Lindberg S. & Greger M., 2002.** Plant genotypic differences under metal deficient and enriched conditions. — *In.* Physiology and chemistry of metal toxicity and tolerance in plants. (M. N. V. Prasad and K. Strzaka, eds), Kluwer Verlag, Amsterdam, Netherland
4. **Greger M. & Palmer J., 2003.** Laboratory research. — *In.* Phytoremediation inventory COST action 837 view. (T. Vanek and J.-P. Schwitzgubel, eds), pp 11-44, Hlavacek tisk, Prague, Czech republic.
5. **Greger M. & Wang Y.D., 2003.** Phytoremediation of toxic metals. COST Action 837. WG2 + WG4 meeting. Stockholm 2003, Academitryck AB, Edsbruk.
6. **Greger M., 2004.** Metal availability, uptake, transport and accumulation in plants. — *In.* Heavy Metal Stress in Plants - From Molecules to Ecosystems (M. N. V. Prasad and J. Hagemeyer, eds), pp 1-27, Springer Verlag, Heidelberg, Germany, 2nd ed.
7. **Prasad M.N.V., Greger M. & Aravind P., 2005.** Biogeochemical cycling of trace elements by aquatic and wetland plants: Relevance to phytoremediation. *In.* *Trace*

Elements in the Environment. (M. N. V. Prasad and K. Strzaka, eds), pp 443-474, Taylor and Francis.

8. **Greger M., 2008.** Trace elements and radionuclides in edible plants. In. *Trace elements as contaminants and nutrients: consequences to ecosystems and human health.*(M. N. V. Prasad, ed), pp 121-136, John Wiley and Sons Inc. New York, 808p
9. **Greger M., 2010.** Phytotechnology for forestry. In. *Encyclopedia of Life Support Systems.*(V. Kotchetkov, H.Huynh, eds), 14 pages, Eolss Publishers Co Ltd. E-book
10. **Gawronski S.W., Greger M. & Gawronska H. 2011.** Plant taxonomy and Metal Phytoremediation. In. *Detoxification of Heavy Metals* (Irene Sherameti, Ajit Varma eds.), Springer Verlag, pp. 91-109.
11. **Greger M. 2012.** Plants for a memorial of a polluted past and cleaner future. In. *Bhopal 2012 – Landscapes of memory.* (Jan af Geijerstam & Amritha Ballal, eds), VAP Design and Print Management., pp 196-197.
12. **Bergqvist C. & Greger M. 2014.** Phytostabilization of arsenic. In. *In-situ remediation of arsenic-contaminated sites.* (Bundschuh, J., Hollander, H.& Ma, L. Q., eds), CRC Press, Boca Raton, FL. 53-67.
13. **Greger M. (ed) 2014.** Silicon in Agriculture. Book of Proceedings and Abstracts for the 6th Int. Conference on Silicon in Agriculture, Stockholm Printcenter, Stockholm.

Popular Publications

1. **Greger M., 1989.** Kadmium — ett miljöproblem att räkna med. — *Miljö och Hälsa* 2: 21-22.
2. **Greger M. & Kautsky L. 1990.** Vattenväxter — en ökad risk för tungmetallspridning. — *Miljö och Hälsa* 2: 22-26.
3. **Greger M. 1991.** Hur växter påverkas av kadmium. — Radio program 20 min in "Värt att veta".
4. **Greger M. & Perttu K., 1991.** Slam, avloppsvatten, lakvatten och aska — resurs eller problem? — *Miljö och Hälsa* 4: 6-8.
5. **Kautsky L. & Greger M., 1992.** Att vara vattenväxt i Östersjön — ett liv i konflikt. — *NFR:s årsbok 1992.* 77-89.
6. **Landberg T. & Greger M., 1994.** Nya möjligheter med energiskog — Förgiftade marker renas med Salix. — *Miljö och Hälsa* 2: 32-34.

7. **Greger M., 1997.** Växter vid vägen — en förgiftad historia eller åtgärds möjlighet? — Report from the VTI and KFB Conf. in Linköping, Jan. 1997.
8. **Greger M., Allard B. & van Bavel B., 2001.** Fabrikstomten. — Report of year 2000 of the COLDREM program. 11-13
9. **Neuschütz C. & Greger M., 2009.** Växter hjälper till att förhindra läckage — Svenskt vatten 1: 34-35.

<h2 style="margin: 0;">Reports</h2> <p style="margin: 0;"><i>(Reviewed= R)</i></p>

1. **Tillberg J.-E., Johansson M. & Greger M., 1989.** Aluminiums toxiska effekter vid olika fosforinnehåll i encelliga grönalger. — SNV report DNR 611-148-86-Uf and 611-0270-87-Uf.
2. **Greger M. & Kautsky L., 1990.** Regional kartering av tungmetallinnehåll i vattenväxter och grunda sediment i södra Stockholms län. — ISBN 91-630-0269-8, 48pp.
3. **Greger M. & Johansson M., 1991.** Selenets effekter på växter. Inverkan av selenit och selenat på unga sockerbetsplantors fysiologi och morfologi. — Report to Hierta-Retzius and Lars Hiertas foundations, 9pp.
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