

Appendix 1 SSD publications and presentations for 2008–09

Journal papers (in press or published)

- Bollhöfer A, Pfitzner K, Ryan B, Martin P, Fawcett M & Jones DR 2008. Airborne gamma survey of the historic Slesbeck mine area in the Northern Territory, Australia, and its use for site rehabilitation planning. *Journal of Environmental Radioactivity* 99, 1770–1774.
- Cheng KL, Parry DL, Hogan AC, Markich SJ, Harford AJ & van Dam RA (in press). Uranium toxicity and speciation following chronic exposure to the tropical freshwater fish, *Mogurnda mogurnda*. *Aquatic Toxicology*. doi:10.1016/j.chemosphere.2010.02.017
- Collins J, Hutley L, Williams R, Boggs G, Bell D & Bartolo R 2009. Estimating landscape-scale vegetation carbon stocks using airborne multi-frequency polarimetric synthetic aperture radar (SAR) in the savannahs of north Australia. *International Journal of Remote Sensing* 30, 1141–1159.
- Finlayson CM, Elliott I & Elliott M 2009. A strategic framework for monitoring coastal change in Australia's wet-dry tropics: concepts and progress. *Geographical Research* June 2009 47(2), 109–123.
- Hahn T, Stauber J, Dobson S, Howe P, Kielhorn J, Koennecker G, Diamond J, Lee-Steere C, Schneider U, Sugaya Y, Taylor K, van Dam R & Magelsdorf I 2009. Reducing uncertainty in ERA: Clearly defining acute and chronic toxicity tests. *Integrated Environmental Assessment and Management – Learned Discourse* 5(1), 175–177.
- Hancock GR, Lowry JBC, Moliere DR & Evans KG 2008. An evaluation of an enhanced soil erosion and landscape evolution mode: a case study assessment of the former Nabarlek uranium mine, Northern Territory, Australia. *Earth Surface Processes and Landforms* 33(13), 2045–2063.
- Hancock, GR, Lowry JBC, Coulthard TJ, Evans KG & Moliere DR 2009. A catchment scale evaluation of the SIBERIA and CAESAR landscape evolution models. *Earth Surface Processes and Landforms*. (in press)
- Hogan AC, van Dam RA, Houston MA, Harford AJ, Nou S 2009. Uranium exposure to the tropical duckweed, *Lemna aequinoctialis*, and pulmonate snail, *Amerianna cumingi*: fate and toxicity. *Archives of Environmental Contamination and Toxicology*. (in press)
- Johansen K, Phinn S, Lowry J & Douglas M 2008. Quantifying indicators of riparian condition in Australian tropical savannas: integrating high spatial resolution imagery and field survey data. *International Journal of Remote Sensing* 29 (23), 7003–7028.
- Lawrence CE, Akber RA, Bollhöfer A & Martin P 2009. Radon-222 exhalation from open ground on and around a uranium mine in the wet-dry tropics. *Journal of Environmental Radioactivity* 100, 1–8.
- Moliere DR & Evans KG (in press). Development of trigger levels to assess catchment disturbance on stream suspended sediment loads in the Magela Creek, Northern Territory, Australia. *Geographical Research* DOI: 10.1111/j.1745-5871.2010.00641.x

- Moliere DR, Lowry JBC & Humphrey CL 2009. Classifying the flow regime of data-limited streams in the wet-dry tropical region of Australia. *Journal of Hydrology* 367 (2009), 1–13.
- Ryan B, Bollhöfer A & Martin P 2008. Radionuclides and metals in freshwater mussels of the upper South Alligator River, Australia. *Journal of Environmental Radioactivity* 99, 509–526.
- van Dam RA, Harford AJ, Houston MA, Hogan AC & Negri AP 2008. Tropical marine toxicity testing in Australia: A review and recommendations. *Australasian Journal of Ecotoxicology* 14(2/3), 55–88.
- van Dam RA, McCullough C, Hogan A, Houston M, Harford A & Humphrey C (in press). Aquatic toxicity of magnesium sulphate, and the influence of calcium, in very low ionic concentration water. *Environmental Toxicology & Chemistry*.
- Wilson GDF, Humphrey CL, Colgan DJ, Gray KA & Johnson RN 2009. Monsoon-influenced speciation patterns in a species flock of *Eophreatoicus* Nicholls (Isopoda; Crustacea) *Molecular Phylogenetics and Evolution* 51(2), 349–364.
- Warne M & van Dam R 2008. NOEC and LOEC data should no longer be generated or used. *Australasian Journal of Ecotoxicology* 14(1), 1–5.

Conference papers – published

- Bartolo R 2008. Women in remote sensing and photogrammetry – results of the SSI women in spatial survey. In *14ARSPC: Proceedings of the 14th Australasian Remote Sensing and Photogrammetry Conference*, Darwin NT, 30 September – 2 October 2008. USB2.0
- Bollhöfer A 2009. The importance of conducting an early baseline radiation study. In *Radiation in Mining and Exploration Workshop: Presentations*. Darwin NT 12 June 2009, Darwin NT, The Australian Institute of Mining and Metallurgy, Carlton South, Vic, CD.
- Bollhöfer A, Martin P, Ryan B, Pfitzner K, Frostick A, Evans K & Jones D 2008. Radiological Assessment of the rehabilitated Nabarlek Uranium Mine, Northern Territory, Australia. In *Uranium Mining and Hydrogeology V conference of the Technische Universität Bergakademie Freiberg*. 14–18 September 2008, eds BJ Merkel & A Hasche-Berger, Freiberg, Saxony, Germany, 363–364.
- Bollhöfer A, Pfitzner K, Martin P, Ryan B & Jones DR 2008. The use of remotely sensed radiometric data for the assessment of the radiological status of historic uranium mine sites in the Northern Territory, Australia. In *14ARSPC: Proceedings of the 14th Australasian Remote Sensing and Photogrammetry Conference*, Darwin NT, 30 September – 2 October 2008. USB2.0
- Boyden J, Bartolo R, Bayliss P, Christophersen P, Lawson V, McGregor S & Kennett R 2008. Initial assessment of high-resolution remote sensing to map and monitor change in wetland vegetation on Boggy Plains, World Heritage Area, Kakadu National Park, Australia. In *14ARSPC: Proceedings of the 14th Australasian Remote Sensing and Photogrammetry Conference*, Darwin NT, 30 September – 2 October 2008. USB2.0
- Bush M 2009. Assessment of new uranium mines under the *Environmental Protection and Biodiversity Conservation Act 1999*. In *AusIMM International Uranium Conference: Presentations*. 10–11 June 2009, Darwin NT, The Australian Institute of Mining and Metallurgy, Carlton South, Vic, CD.

- Hancock GR, Lowry JBC, Coulthard TJ & Evans KG 2008. A catchment scale evaluation of the SIBERIA and CAESAR landscape evolution models. In *14ARSPC: Proceedings of the 14th Australasian Remote Sensing and Photogrammetry Conference, Darwin NT*, 30 September – 2 October 2008. USB2.0
- Harford AJ, Negri A, Wilson S, Hogan AC, Parry DP, Orr J, Houston M & van Dam RA 2008. The development of robust ecotoxicological protocols for tropical marine environments: Knowledge gaps, progress and future needs. Paper presented at Coast to Coast '08, 18–22 August 2008, Darwin. Department of Natural Resources, Environment & the Arts, Northern Territory Government. Available at <https://www.coast2coast.org.au/presentation-files.html>. Last accessed 13 October 2008.
- Houston M, Ng J, Noller B, Markich SJ & van Dam R 2008. The influence of Suwannee River fulvic acid on the speciation and toxicity of uranium to Australian tropical freshwater species. In *From molecular understanding to innovative applications of humic substances. Proceedings of the 14th meeting of International Humic Substances Society*. Moscow, 13–19 September 2008, eds IV Perminova & NA Kulikova, 421–424.
- Jones DR, Humphrey C, van Dam R, Harford A, Turner K & Bollhoefer A 2009. Integrated chemical, radiological and biological monitoring for an Australian uranium mine – a best practice case study. In *Proceedings International Mine Water Conference*, 19–23 October, Pretoria, South Africa, 95–104. ISBN 978-0-9802623-5-3.
- Lowry JBC, Evans KG, Coulthard TJ, Hancock GR & Moliere DR 2009. Assessing the impact of extreme rainfall events on the geomorphic stability of a conceptual rehabilitated landform in the Northern Territory of Australia. In *Mine Closure 2009. Proceedings of the Fourth International Conference on Mine Closure*, 9–11 September 2009, Perth, Australia, eds A Fourie & M Tibbett, 203–212.
- Lowry J, Hess L & Rosenqvist A 2008. Mapping and monitoring wetlands around the world using ALOS PALSAR: the ALOS Kyoto and Carbon Initiative wetland products. In *14ARSPC: Proceedings of the 14th Australasian Remote Sensing and Photogrammetry Conference, Darwin NT*, 30 September – 2 October 2008. USB2.0
- Lowry J, Staben G & Saynor M 2008. Mapping the distribution of landslides in Arnhem Land using ALOS AVNIR imagery and object-based classification techniques. In *14ARSPC: Proceedings of the 14th Australasian Remote Sensing and Photogrammetry Conference, Darwin NT*, 30 September – 2 October 2008. USB2.0
- Pfitzer K, Esparon A & Bollhöfer A 2008. SSD's spectral library database. In *14ARSPC: Proceedings of the 14th Australasian Remote Sensing and Photogrammetry Conference, Darwin NT*, 30 September – 2 October 2008. USB2.0
- Taylor K 2009. The regulation of uranium mining in the Northern Territory. In *Radiation in Mining and Exploration Workshop: Presentations*. Darwin NT 12 June 2009, Darwin NT, The Australian Institute of Mining and Metallurgy, Carlton South, Vic, CD.
- Turner K & Taylor K 2009. Research to routine monitoring – best practice water quality monitoring. In *AusIMM International Uranium Conference: Presentations*. 10–11 June 2009, Darwin NT, The Australian Institute of Mining and Metallurgy, Carlton South, Vic, CD.

Presentations¹

- Akber R, Lu P & Bollhöfer A 2009. Uranium series disequilibrium in soils in areas used for water disposal through spray irrigation at ERA Ranger Uranium Mine. Paper presented at 2009 Australasian Radiation Protection Society (ARPS) Conference, Fremantle 26–28 October 2009.
- Bartolo R 2008. Spatial information and climate change in a North Australia context. Paper presented at the Asia Pacific Spatial Innovation Conference, 18–19 November 2008, Canberra.
- Bollhöfer A 2008. Die Nabarlek Uranmine. The Nabarlek Uranium mine – Studies of the Environmental Research Institute of the Supervising Scientist. Seminar held as part of a seminar series ‘*Current Topics in Radiation Protection*’, German Radiation Protection Agency. 18 September 2008, Berlin, Germany.
- Bollhöfer A, Brazier J, Ryan B, Humphrey C & Esparon A 2008. A study of radium bioaccumulation in freshwater mussels, *Velesunio angasi*, in the Magela Creek catchment, Northern Territory, Australia. Paper presented at the 10th South Pacific Environmental Radioactivity Conference, SPERA 2008, 24–27 November 2008, Christchurch, New Zealand.
- Bollhöfer A, Esparon A, Ryan B & Pfitzner K 2009. Investigating a pre-mining radiological analogue for Ranger Uranium mine, Northern Territory, Australia. Paper presented at 2009 Australasian Radiation Protection Society (ARPS) Conference, Fremantle 26–28 October 2009.
- Brazier J, Ryan B, Humphrey C & Bollhöfer A 2008. Uranium bioaccumulation and lead isotope ratios in freshwater mussels downstream of Ranger uranium mine, Australia. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.
- Buckle D, Humphrey C & Davies C 2009. *Fish community monitoring in tropical shallow billabongs and the influence of aquatic vegetation*. Paper presented at Australian Society for Limnology, Alice Springs Convention Centre, 28 September – 2nd October 2009.
- Cheng K, Parry D, Hogan A & van Dam R 2008. Chronic toxicity of uranium to the tropical freshwater fish, *Mogurnda mogurnda*. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.
- Cheng K, Parry D, Hogan A, Markich S & van Dam R 2009. Uranium speciation and toxicity following chronic exposure to the tropical freshwater fish, *Mogurnda mogurnda*. Paper presented at the 13th Australasian Society for Ecotoxicology Conference, 20–23 September 2009, University of Adelaide, Adelaide.
- Esparon A & Pfitzner J 2008. Visual gamma – gamma spectrometry analysis software. Paper presented at the 10th South Pacific Environmental Radioactivity Conference, SPERA 2008, 24–27 November 2008, Christchurch, New Zealand.
- Esparon A, Pfitzner K, Bollhöfer A & Ryan B 2008. Determination of an analogue site for Ranger uranium mine to extrapolate pre-mining gamma dose rates. Paper presented at the

¹ Presentations to conferences and symposia that have been externally published in 2008–2009 are included in section ‘Conference papers – published’.

- 10th South Pacific Environmental Radioactivity Conference, SPERA 2008, 24–27 November 2008, Christchurch, New Zealand.
- Frostick A, Bollhöfer A & Parry D 2008. Investigating potential natural analogues for Ranger Uranium Mine. Paper presented at the 10th South Pacific Environmental Radioactivity Conference, SPERA 2008, 24–27 November 2008, Christchurch, New Zealand.
- Frostick A, Bollhöfer A, Parry D, Munksgaard N & Evans K 2008. Spatiotemporal assessment of sediments from Magela Creek, Northern Australia to evaluate the impacts of uranium mining. Paper presented at the 10th South Pacific Environmental Radioactivity Conference, SPERA 2008, 24–27 November 2008, Christchurch, New Zealand.
- Hahn T, Stauber J, Dobson S, Howe P, Kielhorn J, Koennecker G, Diamond J, Lee-Steere C, Schneider U, Sugaya Y, Taylor K & van Dam R 2008. Sources of variation in environmental hazard assessment of chemicals in aquatic systems: an international analysis. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.
- Harford AJ, Cheng KL, Costello CE, Hogan AC & van Dam RA 2008. Ecotoxicological assessment of flocculant blocks and their individual constituents. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.
- Harford A, Saynor M, Hogan A, Cheng K, White D & van Dam R 2009. The development of water quality guidelines for suspended sediments in Magela Creek. Paper presented at the 13th Australasian Society for Ecotoxicology Conference, 20–23 September 2009, University of Adelaide, Adelaide.
- Hogan A, van Dam R, Harford A, Cheng K & Turner K 2009. Effects of Mg pulse exposures on tropical freshwater Australian species. Paper presented at the 13th Australasian Society for Ecotoxicology Conference, 20–23 September 2009, University of Adelaide, Adelaide.
- Houston M, Ng J, Noller B, Markich SJ & van Dam R. 2008a. The influence of dissolved organic carbon (DOC) on the speciation & toxicity of uranium to Australian tropical freshwater species. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.
- Houston M, Ng J, Noller B, Markich S & van Dam R 2009. Amelioration of uranium toxicity by dissolved organic carbon from a tropical Australian billabong. Paper presented at the 13th Australasian Society for Ecotoxicology Conference, 20–23 September 2009, University of Adelaide, Adelaide.
- Hughes A 2008. Regulation of uranium mining in the Northern Territory, Australia. Presentation to an International Atomic Energy Agency technical meeting on Implementation of sustainable global best practices in uranium mining and processing, 15–17 October 2008, Vienna, Austria.
- Humphrey C & Chandler L 2009. Taxonomic resolution for biological assessment of mining impacts in tropical streams of the Northern Territory. Paper presented at the Combined Australian Entomological Society's 40th AGM & Scientific Conference and Society of Australian Systematic Biologists and 9th Invertebrate Biodiversity & Conservation Conference, 25–28 September 2009, Darwin.
- Humphrey C, Davies C, Buckle D & McGuinness K 2009. *Development of cost-effective, 'early warning' techniques to monitor and assess changes in water quality.* Paper

- presented at Australian Society for Limnology, Alice Springs Convention Centre, 28 September – 2nd October 2009.
- Humphrey C & McGuinness K 2008. Experimental design considerations for monitoring and assessment of mining impacts in tropical seasonally-flowing streams. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.
- Humphrey C, McGuinness K & Douglas M 2009. *Experimental design considerations for monitoring of macroinvertebrate communities in tropical seasonally-flowing streams*. Paper presented at Australian Society for Limnology, Alice Springs Convention Centre, 28 September – 2nd October 2009.
- Jones D 2008. Effects of extreme events in the Kakadu region. Paper presented at Kakadu Landscape Management Symposia Series: Climate Change Workshop. 6–7 August 2008, Jabiru.
- Jones D 2009. Key issues for ‘best practice’ regulation of uranium mining. Paper presented at Securing the Future (Mining, Metals and the Environment in a Sustainable Society) and 8th International Conference on Acid Rock Drainage, 23–26 June 2009, Skelleftea, Sweden.
- Jones D, Humphrey C, van Dam R, Harford A, Turner K & Bollhöfer A 2009. Integrated chemical, radiological and biological monitoring for an Australian uranium mine – a best practice case study. Paper presented at International Minewater Conference, Pretoria, October 2009.
- Lu P, Akber R & Bollhöfer A 2009. Challenges in estimating public radiation dose resulting from land application of waters of elevated natural radioactivity at Ranger Uranium Mine, Australia. Paper presented at the International IAEA Conference on Remediation of Land Contaminated by Radioactive Material Residues, 18–22 May 2009, Astana, Kazakhstan.
- Medley P, Bollhöfer A, Ryan B & Sellwood J 2008. Derivation of regional concentration factors for radium in bush passionfruit (*Passiflora foetida*) from the Alligator Rivers Region, Northern Territory, Australia. Paper presented at the 10th South Pacific Environmental Radioactivity Conference, SPERA 2008, 24–27 November 2008, Christchurch, New Zealand.
- Ryan B, Bollhöfer A & Martin P 2008. A radiation dose assessment for Aboriginal inhabitants downstream of Ranger Uranium Mine in the Northern Territory of Australia. Paper presented at the 10th South Pacific Environmental Radioactivity Conference, SPERA 2008, 24–27 November 2008, Christchurch, New Zealand.
- Staben G, Saynor M, Lowry J 2009. Mapping landslides in northern Australia using object based classification techniques. Paper presented at Surveying and Spatial Sciences Institute Biennial International Conference, 28 September – 2 October 2009, Adelaide Convention Centre, Adelaide, Australia.
- Turner K, Humphrey C, Brazier J, Jones D 2008. Sediment influences on the derivation of mine closure water quality criteria in a tropical waterbody. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.
- van Dam R, Hogan A, Harford A & Markich S 2008. Toxicity, metal speciation and risk characterisation of waste-water from a legacy gold mine in northern Australia. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.

- van Dam R, Humphrey C, Storey A, Samaraweera S, Hogan A, Buckle D & Chandler L 2008. Assessment of the effects of MgSO_4 -rich wastewater discharges from Argyle Diamond Mine on downstream aquatic ecosystems. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.
- van Dam R, Negri A, Harford A, Hogan A, Adams M, Stauber J, Parry D & Orr J 2008. Using the tropical species *Nitzschia closterium* & *Acropora tenuis* to assess site-specific issues of a tropical marine discharge. Paper presented at 5th SETAC World Congress, 3–7 August 2008, Sydney Convention and Exhibition Centre, Sydney. Society of Environmental Toxicology and Chemistry.
- Warne M StJ & van Dam R 2009. 101 reasons to stop generating and using hypothesis based toxicity estimates – NOECs and LOECs should be banned. Paper presented at the 13th Australasian Society for Ecotoxicology Conference, 20–23 September 2009, University of Adelaide, Adelaide.

Supervising Scientist Reports

- Jones DR & Webb A (eds) 2009. *eriss research summary 2007–2008*. Supervising Scientist Report 200, Supervising Scientist, Darwin NT.
- de Groot R, Finlayson M, Verschuuren B, Ypma O & Zylstra M 2008. *Integrated assessment of wetland services and values as a tool to analyse policy trade-offs and management options: A case study in the Daly and Mary River catchments, northern Australia*. Supervising Scientist Report 198, Supervising Scientist, Darwin NT.

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- ARRAC 2008. Alligator Rivers Region Advisory Committee 27th Meeting, April 2007, Darwin, Meeting papers. Internal Report 540, August, Supervising Scientist, Darwin. Unpublished paper.
- ARRAC 2008. Alligator Rivers Region Advisory Committee 28th Meeting, August 2007, Darwin, Meeting papers. Internal Report 541, August, Supervising Scientist, Darwin. Unpublished paper.
- Alligator Rivers Region Advisory Committee 2009. Alligator Rivers Region Advisory Committee 29th Meeting, April 2008, Darwin, Meeting papers. Internal Report 542, June, Supervising Scientist, Darwin. Unpublished paper.
- Bollhöfer A & Fawcett M 2009. Results of a gamma dose rate survey at the rehabilitated Sleisbeck mine, Northern Territory, Australia. Internal Report 561, April, Supervising Scientist, Darwin. Unpublished paper.
- Bollhöfer A, Fawcett M, Staben G, Sellwood J, Fox G, Ryan B & Pfitzner K 2009. Radiation surveys of the historic Palette and El Sherana mines, South Alligator River Valley, Australia. Internal Report 556, March, Supervising Scientist, Darwin. Unpublished paper.
- Brazier J & Humphrey C 2009. Ranger stream monitoring program: relocation of surface water chemistry grab monitoring sites in Magela Creek. Internal Report 563, June, Supervising Scientist, Darwin. Unpublished Paper.

- Buckle D, Storey A, Humphrey C & Chandler L 2010. Fish and macroinvertebrate assemblages of the upper Ord River catchment. Internal Report 559, January, Supervising Scientist, Darwin.
- Esparon A 2008. Jabiru Field Station radiation dose and surface contamination survey. Internal Report 538, December, Supervising Scientist, Darwin. Unpublished paper.
- Hogan A, Houston M, Nou S, Harford A & van Dam 2008. Chronic toxicity of uranium to the tropical duckweed *Lemna aequinoctialis* and the gastropod *Amerianna cumingi*. Internal Report 549, November, Supervising Scientist, Darwin. Unpublished paper.
- Jones DR (ed) 2009. *eriss* communication and planning workshop – 08/09 workplan and proposed 09/10 directions. Internal Report 550, June, Supervising Scientist, Darwin. Unpublished paper.
- Madon E 2009. Potential impacts of ammonia on the natural environment from the land application of effluent water at the Ranger mine. Internal Report 562, November, Supervising Scientist, Darwin. Unpublished Paper.
- Medley P 2009. A review of chemical storage and handling protocols in the Environmental Radioactivity laboratories of *eriss*. Internal Report 548, September, Supervising Scientist, Darwin. Unpublished Paper
- Office of the Supervising Scientist, Supervision & Assessment Unit 2009. Ranger mine Routine Periodic Inspections 2002–2004. Internal Report 551, June, Supervising Scientist, Darwin. Unpublished paper.
- Office of the Supervising Scientist, Supervision & Assessment Unit 2009. Ranger mine Routine Periodic Inspections 2006. Internal Report 553, June, Supervising Scientist, Darwin. Unpublished paper.
- Office of the Supervising Scientist, Supervision & Assessment Unit 2009. Ranger mine Routine Periodic Inspections 2005. Internal Report 552, June, Supervising Scientist, Darwin. Unpublished paper.
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- Office of the Supervising Scientist, Supervision & Assessment Unit 2009. Ranger mine Routine Periodic Inspections 2008. Internal Report 555, June, Supervising Scientist, Darwin. Unpublished paper.
- Pfützner K & Bollhöfer A 2008. Status of the vegetation plots for the spectral library project. Internal Report 546, December, Supervising Scientist, Darwin. Unpublished paper.
- Saynor MJ, Houghton R, Hancock G, Staben G, Smith B & Lee N 2009. Soil sample descriptions – Gulungul Creek, Ranger mine site and Nabarlek: Cyclone Monica fieldwork. Internal Report 558, Supervising Scientist, Darwin. Unpublished paper.
- Saynor MJ, Staben G, Hancock G, Fox G, Calvert G, Smith B, Moliere DR & Evans KG 2009. Impact of Cyclone Monica on catchments within the Alligator Rivers Region – Data. Internal Report 557, Supervising Scientist, Darwin. Unpublished paper.
- Supervising Scientist Division 2008. Consolidated list of publications, reports and conference presentations by staff of and consultants to the Supervising Scientist 1978–30 June 2008. Internal Report 547, August, Supervising Scientist, Darwin. Unpublished paper.

Turner K, Jones D & Humphrey C 2009. Changes in water quality of Rockhole Mine Creek associated with historic mining activities. Internal report 560, June, Supervising Scientist, Darwin. Unpublished paper.

Consultancy reports

Humphrey C, Buckle D & Camilleri C 2009. A macroinvertebrate survey of stream sites associated with Territory Resources' Frances Creek iron ore project, April 2008. Commercial-in-Confidence Report for Earth Water Life Sciences Pty Ltd, March 2009.

Harford A, van Dam R & Hogan A 2009. Ecotoxicological Assessment of Seepage Water from the Savannah Nickel Mines. Commercial-in-Confidence Report for Panoramic Resources Ltd, April 2009.

Humphrey C, van Dam R, Storey A, Chandler L, Hogan A & Buckle D 2008. Assessment of the effects of MgSO_4 -rich wastewater discharges from Argyle Diamond Mine on downstream aquatic ecosystems: Synthesis of a three year (2006-08) study. Commercial-in-Confidence Report for Argyle Diamonds Ltd, November 2008.

Ryan B & Bradley F 2009. Preliminary report into the characterisation of groundwater at the Rum Jungle mine site. Report prepared for Department of Resources, Energy and Tourism, February 2009, Supervising Scientist Division, Darwin NT.

van Dam R & Harford A 2009. Review of the revision of the nitrate water quality trigger value for fresh surface waters. Commercial-in-Confidence Report for Environment Canterbury, April 2009.

Other

Bartolo R, Bayliss P & van Dam R 2008. *Ecological risk assessment for Australia's northern tropical rivers. Sub-project 2 of Australia's Tropical Rivers – an integrated data assessment and analysis (DET18)*. A report to Land & Water Australia. Environmental Research Institute of the Supervising Scientist, National Centre for Tropical Wetland Research, Darwin NT. www.environment.gov.au/ssd/tropical-rivers/triap-sp2.html.

Further information

SSD publications on the web

<http://www.environment.gov.au/ssd/publications/index.html>

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