

**Listing of 1977 to 2014 Reclamation Symposium Authors and Paper Titles  
available at cIRcle - the University of British Columbia's digital repository**

**1977**

Bell, Meidinger - Native Species - Their Use In Reclamation of Disturbed Lands  
Berlusconi - Reclamation and Exploration Disturbances  
Foster - Unique Ecological Considerations, Ecological Reserves Program  
Gardiner - Tailings Revegetation Experience  
George - Reclamation Peace River Coal Exploration  
Hodgson - Water Quality and Mine Process Effluent  
Jordan, Hoffman - Planning, Environmental Protection in the Saxon Coal Block  
Lavkulich - Research on Tailings in British Columbia  
Milligan - Reclamation Problems at High Elevations  
Pelletier - Reclamation at Island Copper  
Stanlake, Eastman, Stanlake - Reclamation for Ungulates in SE BC  
Thirgood - The Reclamation Programme at the Faculty of Forestry, UBC  
Tidsbury - Reclamation and District Inspection  
Walmsley - Reclamation in the Interior Dry Belt  
Ziemkiewicz - A Comprehensive Reclamation Research Program on Coal Lands

**1978**

Churchill - Reclamation is More than Keeping BC Green  
Couse - Reclamation Planning for the Line Creek Mine  
Errington - Evaluation of Current Revegetation Techniques used in BC  
Galbraith - Air Photos and Coal Exploration  
Hathorn - Reclamation Planning at Hat Creek, BC  
Heskin, Boyd - Federal Fisheries Act Amendments  
Hurn - Habitat Protection and Enhancement  
Lant - Site Preparation Methods Employed at Coleman Creek Collieries  
McDonald - British Columbia Ministry of Mines  
Milligan - Waste Dumps - Design, Contouring and Vegetation at Kaiser Resources  
Popowich - Spoil Dump Resloping at Fording River  
Simonsen - Mining and Archeological Resources  
Wood - Fording River Diversion

**1979**

Aird - Helicopter Supported Drilling Program  
Ames - Migration of Acid Substances in Sullivan  
Berlusconi, Popowich - Follow-up of Slope Experiments  
Fyles - Maintenance Fertilizer Research at Kaiser  
Gardiner, Stathers - Phosphorus Requisite for Legume  
Gavelin - Current Revegetation Techniques  
Graham - Reclamation of Dump Slopes  
Hathorn, Dockstader, McQueen - Hat Creek  
Hillis - Reclamation Practices at Island Copper  
Magnusson, Gaspé - Reclamation of Exploration  
McCue - Reclamation at Newmont Mines, Princeton, BC  
McDonald, Lane - Irrigation with Sewage Effluent  
Meidinger - Natural Revegetation of Disturbances  
O'Bryan - Government Funded Reclamation Program  
Pomeroy - Effectiveness of the Climbing Backhoe  
Redgate, Nyland - Trenching Techniques at the BP  
Smith - Effective Utilization of Helicopters  
Stathers, Gardiner - Operational Reclamation  
Tapics - Reclamation of Exploration Disturbances

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Tripp, Chalmers - Experiments in Tailings  
van Drimmelen - Revegetation for Wildlife Use

**1980**

Ames - Assessment of Mine Spoil for the Establishment of Vegetation  
Berdusco - Waste Dump Development at Kaiser Resources  
Bomke - Fertilizers and Soil Amendments in Mine Reclamation  
Brink - Use of Native Species in Mine Land Reclamation  
Campbell - Stability and Economic Considerations  
Christie - Propagation of Native Trees and Shrubs  
Christie - Properties of Soils and Their Implications  
Howie - Water Quality and It's Control in Mining  
Lane - Environmental and Engineering Considerations  
Pelletier - Waste Dump Development at Island Copper  
Richardson - Use of Agronomic Species in Mine Reclamation  
van der Gulik - Irrigation Equipment and Design

**1981**

Carr, Marchant - Erosion Control in the Queen Charlottes  
Fourt - The Aforestation of Open-Cast Mining Spoils in the UK - Some Techniques  
Fyles, Milne, Bell - Development of Vegetation and Soil on High Elevation Mines  
Galbraith - Environmental Regulation - How Effective Are We?  
King, Russel, Grainger, Straka - Evaluation and Selection of Woody Species  
Luke - Establishment of Wooded Landscapes From Seed - Aspect and Mulching  
Rowell - Assessment of the Soil Resource in the High Elevation Area  
Sadasivaiah, Weijer - The Utilization of Native Grass in Mine Reclamation  
Shields, Johnson - Northeastern British Columbia  
Tomm, Takyi - Influence of Cultivated Grasses and Legume on Natives in Alberta  
Wheeler, Sawyer - Natural Revegetation of Exploration Disturbances  
Wolfe - Reclamation in the Mountains of Northeastern BC

**1982**

Buckingham, Bates - Mountain Road Rehabilitation  
Duncan, Beresford, Kennedy, Ferster- Post Mining Reclamation within a Obed-March  
Errington - Reclamation of Mineral Exploration Area  
Fellman - Water Management for Mines  
Fraser - Reclamation Research at B.C. Coal  
Fraser - Workshop on Public Involvement  
Galbraith, Fabro, Hellyer, Berdusco - Reclamation Costs in Coal Exploration  
Green - Control of Vegetation Damage by Small Rodents  
Hawes, Thurber - Managing Environmental Requirements  
Homoky - The Rehabilitation of Disturbed Forest Land  
Lea - Use of Vegetation Survey Data  
Lloyd - An Integrated Reclamation Management Plan  
Polster, Redgate - Revegetation Trials at Sukunka River Exploration  
Price - Reclamation at Elco Mining  
Riva, Lant - Line Creek Management Philosophy  
Weijer, Weijer - The Availability and Procurement of Native Seed for the Alpine

**1983**

Acott - Reclamation Strategy at Cardinal River Coals  
Beswick - Reclamation of Gravel Pits

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Bodnarchuk, Planiden - Hydroseeding and Helicopter Techniques  
Carr - Some Economic Considerations in Forest Land  
Densmore - Wildlife Research Programs at Line Creek  
Gibson - Moving Goalposts - Perceptions of the Coal  
Gordon - Regulation of Placer Gold Mining  
Guichon, McConnell, Morris, Berry - Revegetation of Pipeline Right of Ways  
Lawrence - The Soil Fauna of High Elevation Reclaimed Land  
Macyk - Reclamation Research at the Surface Mine  
McTavish, Shoplik - Propagation and Use of Native Species  
Price, Thurgood - Reforestation Research at Amax's Mine  
Schulz - Agricultural Seeding Equipment  
Willey - Propagation of Three Native Alpine Legumes

**1984**

Bruynesteyn, Hackl - Evaluation of Acid Production  
Collins - Public Involvement in the Quinsam Coal  
Fraser - From Test Plot to Nest Box - An Overview  
Fyles - Nitrogen Cycling in High Elevation Reclaimed Land  
Hillis - From Seafloor to Hilltop - Land and Marine  
Hillis, Horne - Land and Marine Waste Dumps  
Hubbard - Status Report on Special Waste Management  
Lawrence - Soil Fauna Recolonization of High  
Robertson - Surface Water Drainage and Sediment  
Rogers - A Reclamation Policy for the Mining Industry  
Ross, Hunter - Mine Development - An Integrated  
C. Smyth - The Ecology and Biology of Some High Elevation Species  
Taylor - Marine Reclamation - Recovery of the Sea

**1985**

Berdusco, Lane - Resloping Coal Mine Spoils  
Densmore, Townsend - Reclaiming for Wildlife Habitat  
Errington - An Overview of Mine Reclamation in BC  
Hackinen - Phosphorus Fixation Characteristics  
C. Jones - Reclamation Research at Lornex Mining  
Lighthall, Sellars, Burton - Design of Waste Dumps  
Patterson - Environmental and Reclamation Practices  
Polster - CP Rail Rogers Pass Project  
Price - Reclamation of Waste Rock Dump Slopes  
Rowell - Nitrogen, The Critical Element  
Walker - The Salvage, Reclamation and Abandonment  
Wisch - Reclamation of Surface Coal Mine Disturbed

**1986**

Austin, Klein, Price, Kenny, Poling - The Reclamation of Heaps used for Acid Leaching  
Dick - Environmental Impact Assessment  
Errington - Land Use Objectives for Reclamation  
Hawes, Standish - Mine Waste Dump Management  
Lane, Berdusco - An Environmental Management Strategy  
Standish, Leader - Materials Handling and Reclamation  
Switzer - Realistic Land Use Objectives  
Ziemkiewicz - Alberta's Approach to Reclamation

**1987**

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Errington, Ferguson - Acid Mine Drainage in BC  
Ferguson, Erickson - Will It Generate AMD  
Hackinen - Heavy Metal Levels in Grasses and Legumes  
John, Joe - Canmet's Tailings Research Program  
Kennedy, Kovach - The Use of Unconsolidated Runoff  
McElroy - Opportunities for Leaching  
Milner - Management Plan for Acid Mine Drainage  
Patterson - Environmental and Reclamation Measures  
Robertson - Alternative Acid Mine Drainage Abatement  
Tolstoy - Microbiological Method for Recultivation  
van Dyk - Environmental Control and Reclamation  
Veldhuizen, Blowes, Siwik - The Effectiveness of Vegetation in Controlling AMD  
Wilkes - Consequences of Unregulated Release

**1988**

Bowes - Erosion Control on a Steep Slope Pipeline  
Brodie - Planning for Abandonment of the Willa  
Carson, Jones - Reclamation at Highland Valley Copper  
Errington - Research Priorities  
Gallinger - Reclamation Measures at Equity Silver  
Gould - Economic Strategies for Reclamation  
Hamm - Performance Bond Requirements for Coal Mining  
Lane, Berdusco - Planning for the Cost of Final  
MacDonald - The Application of Spaceborne Remote  
Manas Das - Drainage Through Coalmine Waste Dumps  
Milligan - Recognition of Reclamation Costs  
Polster - CP Rail's Rogers Pass Project  
Struhsacker, Smith - Considerations in the Control of Cyanide Heap Leach Dumps

**1989**

Bietz - Sediment Impact on Fisheries  
Brown - Water Management at Brenda Mines  
Campbell - Some Observations Relative to Flow Through Rock Drains  
Dlugosz, Bedinger - The Rationale for Geological Disposal of Radioactive Wastes in  
Mines in the US  
Jones, Berdusco - Practical Sediment Pond Design  
Jones, Reclamation Research at Brenda Mines Ltd  
Lawrence, Ritcey, Poling, Marchant - Strategies for the Prediction of AMD  
Maynard - Environmental Testing  
Morin, Ott, Day, Hawes - A Practical Approach to Testing for AMD  
Patterson - Water Management at Equity Silver Mines  
Price, Robertson - An Overview of Available Software for Environmental Data  
Raab, Faber, Simon, Ecclea - Development of a Field-Portable System for onsite  
Hazardous Waste Screening  
Whitehead, Kelso, Malick - Nitrogen Removal From Coal Mine Waters  
Williams - Use of Geotextile Products in Water

**1990**

Anderson - Mine-Specific British Columbia Reclamation Standards  
Bittman - Sediment Yield From Waste Dumps and Potential for Rock Dumps to Filter  
Sediment  
Chappell - Some Research Aspects in Australian  
Chymko, Brocke - Reclamation Security Deposits  
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Errington - British Columbia Mine Reclamation  
Galbraith - Mount Washington Acid Rock Mine  
Garga, Hansen, Townsend - Considerations on the Design of Flow-Through Rock Drains  
Hegy - Remote Sensing Techniques in Environmental Practice  
Henrick - Moyie River Project  
Kirk, Hamm - Technical Information Processing System  
Konasewich, Jones, Gerencher, Morin - Hydrogeologic Assessment of AMD Control Technology at Myra Falls Waste Rock  
Reeves, Thorner - Rock Drains at Line Creek

**1991**

Brawner, Broughton - Recent Problems with Waste Rock Spoil Dumps  
Brinker - Lake Creation and Development at an Alberta Coal Mine  
Brocke, Chymko - The Whitewood Mine Lake  
Burton - Ecosystem Restoration Versus Reclamation  
Capobianco - Goal in the New World Order  
Carr - Soil Erosion and Sediment Control Planning  
Champigny - International Survey of Mine Reclamation  
Darroch, Hermesh - Breeding Native Grasses  
Denholm, Hallara - A Review of Acid Generation Research at the Samatosum Mine  
Gallinger, Gormely, Kistritz, Sobolewski - Constructed Wetland Experiment for Treating AMD at Bell Copper  
Hansen - B.C. Round Table on the Environment  
Harpley, Bryan - The Ketz River Mine Tailings  
Haug, Wong - Potash Tails Pile Field Test Covers  
Jones, Densmore - Through Conceptual Planning  
Kalin, Smith - Biological Amelioration of Acidic  
Lavkulich - Mine Reclamation and Sustainable  
Lighthall, Trenholme, Leonoff - Development of Guidelines and Monitoring of Mine Dumps  
Macyk, Widtman, Betts - Two Decades of Reclamation Research in Alberta  
Marshall - The Globe Series  
McQueen, Wenzel, Bateman, Hartley - Integration of Mine Planning and Reclamation at Highvale Strip Mine  
Munro - Resource Management at Highland Valley Copper  
Pelletier, Dushnishky - The Role of Environmental Risk Assessment in Project Review  
Polster - Natural Vegetation Succession  
Powter - The Relationship Between Reclamation  
Price - Integrating Mining with Other Resource Users  
Spittlehouse - Can We Manage Resources for Climate  
Thorpe - The Requirements for a Sustainable Restoration Project  
Thorpe, Neal - Revegetation of Saline Land  
Trowbridge, Holl - Effects of Alsike Clover  
Van Ham, McDonald, Lee, Peddie - The Use of Digested Sewage Sludge as an Aid to Reclaim Mines  
Walters, Rabski - An Integrated Mineral Development  
Wheeland - Dark Horses and Mine Decommissioning  
Whitehead, Malick, Kelso, Cann - Performance of a Pilot Scale Wetland for Nitrogen Removal from Coal Mine Drainage  
Wilkes - Using Water Quality Criteria to Sustain Priority Water Uses Downstream  
Williams - Climatic Changes - An Overview  
Yeung, Johnson - The Use of Commercially-Produced  
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**1992**

Baker, Letient, Leonoff, Madill – Reclamation of Abandoned Tailings at a Northern Minesite  
Berdusco, Wood - The Henretta Dragline Project  
Brodie, Robertson, Gadsby - Cost Effective Closure  
Champigny, Abbott - Environmental Management  
Day, Harpley - Survey of Closed and Abandoned Mines  
Densmore, Glossop - Economics and Application  
Errington, History and Future of Mining Reclamation  
Gadsby - Mining and the Environment  
Galbraith - Mt. Washington Mine Reclamation  
Gardiner, Berdusco, Jones - Over Twenty Years of Reclamation Experience  
Harivel - Land Use, Exploration and the Mineral  
Kalin - Decommissioning Open Pits with Ecological  
Kelly - Laurentian's Mining Environment Database  
Kent, Roberds, van Zyl - Environmental Risk  
Knapp, Scharer, Pettit, Patterson, Nicholson – Acid Generation Modelling at Equity Silver Waste Dumps  
Lant, Beranick - High Elevation Exploration Reclamation  
Mackasey - Abandoned Mines in Ontario  
Patterson - Mine Closure Planning at Equity Silver  
Rennie - Mt. Washington Reclamation  
Vaartnou - The Northern Native Grass Seed Industry

**1993**

Brodie, Chapman - Development of Rehabilitation Plans  
Day, Harpley - Physical Flow in Waste Rock Dumps  
Horne - The Development of a Closure Plan for Island Copper Mine  
Kent, Johnson - Risk Based Evaluation of Mine Waste  
Lapakko, Lawrence - Modification of the Net Acid Production (NAP) Test  
Lister, Poling, Horne, Li - Prediction and Reality  
McBride - Gravel Extraction and Land Reclamation  
McCreadie, Smith - Groundwater Quality Evaluations  
Morgan, Dryden - Reform of Environmental Assessment  
Morin - Rates of Sulfide Oxidation in Submerged  
Morin, Horne, Flather - The Appropriate Geochemical  
Morin, Hutt - The Use of Routine Monitoring Data  
O'Kane, Wilson, Barbour - Soilcover, A New Computer  
Pelletier, Dushnisky - Qualitative Environmental Risk  
Price, Tremblay - An Overview of Acid Mine Drainage  
Quinton, Mir, Mir, Saunders, van Ryswyk, Munro – The Effects of Feeding High Molybdenum Hay to Mature Beef Steers  
Salahub, Sahlstrom, Wilson – Reclamation of Mine Spoils Using Biosolids – Princeton  
Sinclair - Mine Rock Guidelines - An Overview  
Vos, O'Hearn - Use of Zeolite to Treat Acid Rock  
Whale, Simkus, Duncan - Mining and the Public  
Wong, Jones, van Dyk - Use of Shotcrete to Control AMD in Waste Rock Piles

**1994**

Baker, Jackson - Land Reclamation Strategy for the Keenleyside Powerplant Project  
Binns - Long-Term Development of Vegetation  
Bonner - Standard Procedures for Habitat Monitoring  
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Bryden - Biosolids Recycling Criteria for BC  
Deverall, Maynard, Thomas - Laboratory Quality Assurance – Case Study of Subaqueous Tailings Research  
Duthie, Peddie, Salahub - Successful Trials Lead To Commercial Reclamation using Bio-Solids from GVRD to Copper Mine Spoils  
Jones - Molybdenum in the Environment  
Killam, Robertson - Application of Modelling and Subaqueous Tailings Disposal at Mt. Milligan Mine  
Klein, Higgs, Poling - A New Test Procedure to Characterize the Reactivity of Mining Waste  
Lang, Parson - Reclamation Activities at the Nickel Plate Mine  
McArthur - Bell Mine Closure Plan  
Morin - Prediction of Water Chemistry in Open Pits  
Polster, Pituley - Mount Klappan Coal Project  
Price, Errington - ARD Guidelines For Mine Sites  
Sheehan - The Canadian Environmental Assessment Act  
Sobolewski, Melluish, Wilkinson - Copper Accumulation in Constructed Wetlands at Bell Copper – Treatment of ARD  
Stevens, Lawrence, Rogers, Hamblin – Modeling the Thermal Stratification of Water Filled Mine Pits  
Stewart, Higgs, Napier - Use of Lithologic Descriptions for Waste Rock Characterization – Eskay Creek Project  
Swanson, Barbour, Wilson - The Modelling of Moisture Movement in Engineered Soil Covers on Rock Dumps  
1994 - Wiens - Contaminated Sites Management and Regulation  
1994 - Zapf-Gilje, Boyle, Wright, Haerer, Macfarlane – A framework for Conducting Human Health Assessments at Contaminated Sites

**1995**

Adams - Bioregenerating Soils of Problematic High  
Attwater - A Literature Review of Constructed Wetlands – A Viable Treatment  
Bittman - Innovative Reclamation at Quintette: High Elevation/High Latitude Challenges  
Bloodgood, Jones, Gould - Factors Influencing Density and Composition of Cover at Highland Valley Copper  
Boyd, Davies, Woeller, Weemees - The Application of In-situ Technology in Plans for Tailings Impoundments  
Davies - Constructed Wetland - Bullmoose Minesite, Tumbler Ridge, BC  
Edwards, Lawrence - Hydrogeological Site Characterization in an Acid Rock Drainage Management Program at Mt. Washington  
Herasymuik, Wilson, Barbour, Smith – Characterization of Hydrologic Properties in a Waste Rock Pile  
Jackson, Hennebury, Baker - Reclaiming Reservoirs - Native Species Revegetation of Shorelines  
Jones - New Reclamation Standards for Oil & Gas Disturbances  
Macyk, Belts - Establishment of Trees and Shrubs on Mines Land in the Subalpine Region of Alberta  
Morin, Hutt, Ferguson - Measured Rates of Copper and Zinc Leaching in the International Kinetic Database  
Morin, Hutt, Horne - Prediction of Future Water Chemistry from Island Copper Mine's On-Land Dumps  
Nix, Gulley - Kinetic and Empirical Design Criteria for Constructed Wetlands  
Renken - Environmental Effects of Copper Mine Effluent  
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Rippin, Kearney - A Cooperative Government-Industry Woodland Caribou Research Program in Northeastern Alberta  
Ross, Hovdebo - Uranium Mine Reclamation  
Schuerholz - The Struggle with Biodiversity Conservation  
Shergill - Oil & Gas Wellsite Reclamation Criteria  
Smreciu - Selection of Native Legume Species for Reclamation in the Rocky Mountains  
C. Smyth - Reclamation Research at Quintette Operating Corporation  
Stephenson, Nelson, McBroom, Yan - Soil Treatment for Remediation of Heavy Metal Contaminated Soils  
Stevens, Lawrence - Contaminant Transport in Water Filled Mine Pits

**1996**

Arocena, Young, Baker - Dust Control Option for Williston Reservoir: Preliminary Recommendation  
Berdusco - Life in the Wake of a 200 Year Flood Event in the Elk Valley  
Bryden - Tell BC Environment, Lands and Parks Where to Go – Compost and Biosolids Recycling Regulation  
Elliot, Liu, Stogran - Organic Cover Materials for Tailings: Do they meet the requirements for an effective long term cover?  
Ellsworth - Computer Visual Simulations and Surface Mine Closure: Three Case Studies in the USA  
Gardner, Popp, Quinton, Mir, Mir, Buckley – Animal Response to Grazing on Reclaimed Mine Tailings  
Graden - Computerized Mine Reclamation Planning  
Jones, Bloodgood - Reclamation Research at Highland Valley Copper  
Meyer, Gregr - Corporate Environmentalism – Giant Nickel A Case Study  
Murphy, Napier - Eskay Creek Access Road  
Quesnel, Stogran - In-Pit Disposal Program for Acid  
Sale, Chanasyk, Naeth - Temporal Influence of Fly Ash  
Sampson, Mellot, Pastorok - Ecological Risk  
Sawatsky, Dick, Cooper, Keys, Tuttle – Design of a Rainfall Simulator to Measure Erosion of Reclaimed Surfaces  
Scouras, Jackson, Hennebury - Restoring a Salmon Stream: A Balance  
Smyth, Dearden - An Ecological Audit of the Regulatory Requirements for Reclamation in Nine North American Jurisdictions  
Sobolewski - Development of a Wetland Treatment  
Stephenson, Yan - Cleaning Up Metal and Hydrocarbon

**1997 (Tony Milligan book award recipients indicated in yellow by year)**

Allan - Trends in Fish Populations  
Berdusco, O'Brien, Jones – Successful Re-establishment of Native Trees and Shrubs at Fording River  
Bittman - High Elevation Native Species Island Model at Quintette Coal Mine  
Bulmer - An Overview of Forest Soil Rehabilitation  
Curran, Dykstra - Skid Road Rehabilitation Techniques  
Dixon, Malis - The Use of CIS in Environmental  
Gizikoff, Jones, Bloodgood - Monitoring Indicators  
Hansen, Sperling - Land Reclamation at Municipal  
Lacarte - The Reclamation Process at Bullmoose  
McKenna, Dawson - Closure Planning Practice  
O'Kane, Mchaina, Stoicescu, Januszewski, Haug, Bews – Managing for Closure at Myra Falls through Soil Cover System  
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Olcay - The Challenge to Develop a Reclamation Program for Mining in Chile  
Peddie, Duynstee, Taylor - Demonstrating Self Sustaining Vegetation – Granby Tailings, Princeton  
**Polster - Restoration of Landslides and Unstable Slopes: Considerations for Bioengineering in Interior Locations**  
Renken - Engineering Approach to Mine Reclamation  
Smreciu, Yakimchuk, Currah - A Preliminary Evaluation of Native Psammophilous Plants for Reclaiming Oil Sands at Syncrude  
C. Smyth - Establishment and Growth of Mycorrhizal and Rhizobium Inoculated High Elevation Legumes on Spoil dumps in SE. BC

**1998**

Bloodgood, Gizikoff, Jones - Biosolids Amendment at Highland Valley Copper  
Brown, Greenaway, Sahota, Anand - Post Closure Consolidation and Seepage Assessment of Mine Tailings Deposits  
Clark - Treatment of Runoff Containing Suspended Sediment  
Fitch, Thompson, Kavanagh, Kovach - The Environmental Effects of Rock Drains  
Foote, Jordan - Remote Mine Site Acid Rock Drainage  
Galbraith - Reclamation Bonding  
Given, Meyer - Biological Treatment of Tailings  
Henry, Brown, Chancy, Compton - Bunker Hill, ID  
Light - City of Kelowna Biosolids Recycling Facility  
Macyk, Albush, Terry - Reclamation Research  
Marsland, Wylie - Design for Closure. Does it Really Work?  
Newcombe - Mining and Fisheries Protection  
Peddie, Braman - Fling It, Flail It, Squirt It (Biosolids)  
Renken - Engineering Approach to Mine Reclamation  
Robertson - Alternatives Analysis for Mine  
Robertson, Devenny, Shaw - Post Mining Sustainable  
C. Smyth, Bittman - Pre-And Post-Mining Land Capability at Quintette Operations  
Snider - Sediment Control During Instream Construction Using a Regression Analysis in the Yukon  
**Wilton, Lawrence - The Evolution of the Island Copper Mine Pit Lake**  
Zabil - Britannia Mine Hydrology

**1999**

Baker, Berthelot - Long-Term Management of Tailings and Tailings Dams at Decommissioned Mining Properties  
Curran, Balmer - Forestry As An End Use for Reclaimed Mines: Some Considerations  
Ducummon - The North American Bats and Mine Project  
Duncan, Mattes - Field Scale Prototype for Anaerobic Wetlands Cells for Removing Heavy Metals from a Landfill  
**Freberg, Gizikoff - Development and Utilization of an End Land Use Plan at Highland Valley Copper**  
Frostad, Klein, Lawrence - Prediction of Acid Rock Drainage at Red Mountain Project, NW. BC  
Hall, Elliott, Quesnel - A New Approach to Tailings management: The Granular Cover  
Hrycenko, Sobolewski - A Process-Oriented Approach to the Biological Removal of Selenium  
Mawdsley - Specialized Testing Requirements  
Mchaina, Weirmeir - Reclamation of Mine Openings at the Historic Highland Mine and Kootenay-Florence Mines in Ainsworth, BC

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Mchaina, Willmer - Impact of Contaminated Sites Legislation on Closure of an Acid Generating Minesite in BC  
North - The First Certificate of Compliance (CSR) for a Minesite in BC – Island Copper Mine  
Predika, Dawson, Stephenson - Managing Mine Subsidence Risks at the Three Sisters Resorts in Canmore  
Quesnel, Dufresne, Rosentreter - Reducing Surface Hazards and Minimizing Environmental Disturbance at Aurora-Guidon Mine in SE BC  
Sahota, Greenaway, Brown - Reclamation Activities at the Nickel Plate Mine Tailings Facility  
C. Smyth - Attitudes Toward Native Species: Survey Results  
Tribe, Tribe - A Successful Method of Reclaiming Subsidence in Abandoned Mining  
Wallin, Hiller - Assessment of Arsenic Exposed in a Residential Area located on Mine Tailing: A Case Study at Campbell Mine, Ontario  
Wilson, Sandstrom - Contaminated Site Legislation and Mine Closure  
Wood, Berdusco - Fording River Revisited – A 25 Year Review of Projects at Fording  
Zurkirchen, Mchaina - Environmental Management Considerations for a Minesite under Long Term Care and Maintenance

**2000**

Adams, Toll, Brix, Tear, DeForest - Site-Specific Approach for Setting Water Quality Criteria for Selenium: Differences with Lotic and Lentic Systems  
Beranek, Kovach - The Use of GIS at the Line Creek Mine  
Berdusco, Dixon, Lant, Jones, Cole - Selenium Studies in the SE of BC  
Brienne, Falutsu, Weakley, Kulas, Kuit, Moller, et al – Selenium Release and Removal from the Red Dog Mine Operation  
Brix, DeForest, Fairbrother, Adams - Critical Review of Tissue-Based Selenium Toxicity Thresholds for Fish and Birds  
Casey, Siwik- Overview of Selenium in Surface Waters  
Chapman - Selenium - Fate and Effects in the Aquatic Environment  
Christie, McQueen, Husak - Ashcroft Roofing Granule Quarry – New Mine in Multiple Use Area  
Dixon - Environmental Monitoring Toward End Land Uses  
Fisher - Selenium in Terrestrial Ecosystems  
**McBride - Cariboo Reclamation Project and Sediment Control during the Construction Phase of a Major Mine**  
McDonald, Strosher - Selenium in the Elk River Basin  
Mchaina - Planning and Implementation Initiatives  
McKenna, Ducharme, Keys - Landscape Design: A New Planning and Assessment Framework for Mine Reclamation (Syncrude)  
McKenna, Keys, van Meer, Roy, Sawatsky - The Impact of Beaver Dams on the Design and Construction of Reclaimed Mine Sites  
Munkers, Bond, Brackney, Moller - The Biogeochemistry of Selenium in the US Western Phosphate Area: Sources, Pathways, Receptors and Controls  
Nagpal - Proposed WQ Guidelines for Selenium  
Nahir, Scott, Royle, Palmer - Case Study: Development of a Rehabilitation Plan for the Abandoned Arctic Gold and Silver Mine site  
Polster - Long Term Vegetation Development  
Renken - Environmental Planning for ARD Waste  
Smyth, Sheppard, Teske, Paton, Bittman – Assessment of Pre-and Post-Mining Wildlife Habitat for the Window Pit Development on Babcock Mountain, Tumbler  
Vaartnou - Native Grass Seed Development  
Van Ham, Lee, McLean - Pit to Park: Gravel Mine Reclamation using Biosolids  
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Welchman, Aspinall - A Sustainable Legacy: Utilizing Mine Assets Post-Closure Island Copper Mine

**2001**

Bent, Frostad, Davidson – Identification and Mitigation of High Zinc Discharges to the Environment from the Water Diversion System at the Kemess South Mine

Carr, Marsland, Virtanen - Mine Permit Surrender at Red Mountain Mines

Chaskar, Klein - Slag Reclamation in the 21st Century

Dirom - Mine Drainage from Lynx 8 & 10 Levels

Dixon, Tisch, Kangamba - Mining in Zambia

Donald, Kuit, Sandstrom - Bluebell Mine – Foreshore Remediation of Galena Bay

**Donald, Kuit, Sandstrom - Bluebell Mine – Remediation of a Historic Minesite**

Elphick, Bailey, Murphy - Toxicity Identification Evaluation of Effluent from a Mine

Errington - Mine Reclamation in British Columbia – Twenty-Five Years of Progress

Horton, Kempe - Progressive Reclamation Utilizing Biosolids at the Hedley Gold Tailings Project, Hedley BC

Johnson, Letient - Operating A Zero-Discharge Mine Waste Disposal Facility in Northern BC – The Huckleberry Mines Experience

Lin, Chesworth, Seed, Yetman, Shelp, Fyfe – Electrochemical Cover Technology to Prevent the Formation of ARD

McInnis, Thompson, Riehm - Runoff, Erosion and Sediment Control in the Peruvian High Andes: The Antamina Mining Project

Mueller, Hugdahl, Wambolt - Water Quality Monitoring: Developing Data Quality Objectives for Gibraltar Mine

O'Kane, Januszewski, Dirom - Waste Rock Cover Field Trials at the Myra Falls Operation – A Summary of Three Years of Performance Monitoring

Polster, Welchman, Hanks - Revegetation Strategy at the Island Copper Mine

Raggett, Bailey, Murphy, Chapman – Development of an Environmental Effects Monitoring Program for the Eskay Creek Mine

Roberts, Veiga - Planning for Closure in the Post-Industrial Age: A Proposed Framework for Building more Sustainable Mining Communities

Sandoval, Veiga, Hinton, Klein - Review of Biological

Sowa, Adamson, Chow - Water Management of the Steep Rock Iron Mines at Atikokan, Ontario

Tarasoff, Ramdin - Post Closure Mine Dewatering and Treatment of Contaminated Waters at the Sullivan Mine, Kimberley, BC

**2002**

Allan, Marsland, Vega - Environmental Excellence in Exploration at Tambogrande

Allen - Resloping of Waste Dumps – the Bullmoose Mine Solution

Ambodo - Mine Reclamation – the PT Inco Experience

Bent - Identification and Implementation of Fisheries Compensation Programs at the Kemess South Mine

Bulmer, Krzic, Green, Suderman, Gevatkoff - Soil productivity and Forest regeneration success on reclaimed oil and gas sites in the Dawson Creek Forest District

Crook - The Environmental Assessment Act – a New Way of Doing Business

Davidson - Systematic Risk Based Deactivation and Stabilization Program- The Kemess Powerline

Errington - Towards Results-Based Standards for Mine Reclamation in BC

Horton, Freberg - Issues in Determining Mine Reclamation Release Criteria for BC

Lanteigne - Reclamation of Inco's Canadian Operations

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Lloyd - Resource Development and Regulatory Change in Alberta – Where are we going?  
Macyk - Thirty Years of Reclamation Research in the Alpine and Subalpine Regions near Grande Cache, Alberta  
McCoy, Kurpysz, Newedou - Species Selection  
McPhie, Hodge - Mining, Minerals and Integrity  
Naeth, Wilkinson - Plant Species Suitability for Reclamation of Oil Sands Consolidated Tailings  
Napier - INCO Limited - One Hundred Years of Operation – Where do we go from here?  
Otchere, Veiga, Hinton, Hamaguchi – Mining and Aquaculture: A Sustainable Venture  
Polster - Soil Bioengineering Techniques  
Reid, Naeth - Ekati Diamond Mine Processed Kimberlite Reclamation  
Richert, Lehmann, Veiga - Teaching ARD  
Riehm, Marticorena - High Altitude Reclamation  
Sharman, C. Smyth - The Progression of Native Island Establishment and Monitoring Practices on High-Elevation Waste Rock Dumps at Quintette Operations  
C. Smyth, Kovach - Long-Term Monitoring  
Straker, Jones, O'Brien, Berdusco – Regeneration of Moderate Yield Forests at Fording Coal  
Watkins - An Overview  
Yundt, Lowe - Quarry Rehabilitation

**2003**

Jones, Straker, Freberg, Hamaguchi – Reclamation Research and Monitoring at Highland Valley Copper  
Steinke, Majak - Cattle Grazing in Reclaimed Mine Tailings at Highland Valley Copper  
Straker, Jones, Hamaguchi, Freberg – Seven Years of Research on Reclamation Using Biosolids at Highland Valley Copper  
Gardner, Broersma, Naeth, Jobson – Influence of Biosolids and Fertilizer Amendment on Selected Soil – Physical, chemical and microbial parameters in Tailings Revegetation  
Patterson – Water Management and Molybdenum Treatment at the Closed Noranda Inc. – Brenda Mine Site, Peachland, BC  
Taylor, McKee – Wild Ruminant Study at Brenda Mines  
McKee, Fraser, Patterson – Five-Year Receiving Environment Study – Brenda Mines  
Riordan – A Comparison of Pre-development and Present Molybdenum Concentrations in Vegetation on the Endako Mine site and Implications to Ungulate Health  
Davies, Pickard, Hall – Sulphate Toxicity to Freshwater Organisms and Molybdenum Toxicity to Rainbow Trout Embryos/Alevins  
Martin, Goldblatt, Hiller – Development of a Site-Specific Water Quality Objective for Copper for a Post-Closure Mine Site Discharge  
Bellefontaine, Price – Environmental Management Plans: A Key Tool in Ensuring Successful Long-term Environmental Management at Closed Mine Sites with ML/ARD  
Stewart, Barazzuol – Historic Mine Sites Project, BC MEMPR  
Smyth, Paton, Berdusco, O'Brien, Sword – Wildlife Mitigation Burn Performance Monitoring at the Fording River Mine  
MacCallum – Reclamation to Wildlife Habitat in Alberta's Foothills  
Gizikoff – Re-establishing Livestock on Mined Landscapes in the Southern Interior of BC  
Vaartnou – Native Grass Seed Development – Progress after Eight Years  
Polster – The Role of Invasive Plant Species Management in Mined Land Reclamation  
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Costa, Scoble – Sustainability in Mining Engineering – Seeking a Model for Education and Research  
Renken, Yanful – Soil Cover Research to Mitigate Potential ARD in Combined Dry and Wet Closure of a Tailings Facility  
Marsland, Virtanen – Red Mountain Mines – Five Years of Closure Work  
Price – Challenges Posed by Metal Leaching and Acid Rock Drainage at Closed Mines  
O'Hara – Britannia Mine Closure Plan  
Patterson, Wambolt – Cost Generation Aspects of the Gibraltar Closure Plan

**2004**

Higgins, Wilson, Sandstrom, Dawson, Mann, Allard, Baker – Post Closure Human Health and Ecological Risk Assessment at Teck's Kimberley Operations  
Mann, Baker, Allard, Higgins, Dawson – Strategy for Aquatic Ecological Risk Assessment at Teck's Kimberley Operations, BC  
Allard, Mann, Baker, Higgins, Dawson – Strategy for Wildlife Ecological Risk Assessment at Teck's Kimberley Operations  
Sharman – Closure Spillway for the Plantsite Tailings Dam, Quintette Operating Corp.  
Szymanski, Davies – Tailings Dams Design Criteria and Safety Evaluations at Closure  
Marsland, Rodman, Newcombe, Dawson – Closure of the Sullivan Mine Tailings Facility  
Stogran, Bent, Davidson, Tucker – Waste Material Management at the Kemess South Mine to Control Environmental Impacts  
Davison, Stogran – Progressive Reclamation at the Kemess South Mine "Doing What Comes Naturally"  
Swank, Gardner – Molybdenosis and Moose at Highland Valley Copper  
Straker, Woelk, C. Jones, R. Jones, Berdusco, O'Brien – Reclamation of High-Elevation Wildlife Habitat at Elk Valley Coal's Fording River and Greenhills Operations  
Przeczek – A Review of the Reclamation Research Program at Teck's Sullivan Mine at Kimberley, BC  
Mattes, Duncan, Gould – Biological Removal of Arsenic in a Multi-Stage Engineered Wetlands Treating a Suite of Heavy Metals  
Bittman, Horswill – Sustainable Development in the Mining Industry Through Communities – a Teck Cominco Experience  
Chouard – Mine Reclamation Guidelines for the Northwest Territories and Nunavut  
Przeczek, Ryder – Conceptual Reclamation Planning and Development of Results Based Standards at the Elkview Operation  
Reid, Getzlaf – Decommissioning Planning for Saskatchewan's Potash Mines  
Sparks, Christensen, Kulshreshtha, Neil, Cooper - A Decision Analysis Based Cost-Benefit Framework for Evaluating Decommissioning Options for Potash Mine Sites in Saskatchewan  
Crook – The New Environmental Assessment Process – A Sixteen-Month Status Report  
Chapman – Selenium from Col Mining in the Elk River Valley  
Harding, Graham, Paton – Accumulation of Selenium and Lack of Effects on American Dippers and Spotted Sandpipers  
Richards, Borstad, Martinez de Saavedra Alvarez – Using Multispectral Remote Sensing to Monitor Reclamation at Highland Valley Copper  
Straker, Woelk, Boorman, Kuschminder, Blazecka, Sharman – Use of Remote Sensing in Reclamation Assessment at Teck's Bullmoose Mine Site

**2005**

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Mountjoy, Diggon, Vickery - Performance of Sediment Control Ponds, Texada Island Quarry  
Christensen, Ayres and O'Kane - An Evaluation of the Benefits of Incorporating Natural Slope Features into the Design of Final Mine Waste Landforms  
Davidson, Stogran - Sediment Management Practices at the Kemess Mine  
Forge, Broersma, Neilsen, Yu and Roddan - The Impacts of Municipal Biosolids on some indicators of Soil Health  
G. Smyth - Creating a Sustainable Cover for a Sand Tailings Dam Using Biosolids and Log Yard Debris  
Van Hamm - Residuals Reuse in Aggregate Mine Reclamation: A Decade of BC Experience  
Sprenger, Compton, Maxemchuk-Daly, Brown, Zimmerman, and Chaney - Using Technical Performance Measures at a Base Metals Mine Site Pre- and Post Biosolids Treatment  
Compton, Sprenger, Huang, Brown, and Liverman - U.S. EPA West Page Swamp Wetland Restoration, Kellogg, Idaho  
Straker, C. Jones, Berdusco, R. Jones - Elk Valley Coal Waste as a Growth Medium - Results of Soil and Vegetation Analysis  
French - Land Use Benefits of Aggregate Extraction  
Donald - Polaris Mine - Reclamation in the High Arctic  
Lindvall - Tailor-made Reclamation Solutions using Waste Products from External Sources at Boliden's Mine Sites  
Marsand, Bent - A Tale of Two Pit Ponds - the Kemess Mine Expansion  
O'Hara - Update on Work at the Britannia Mine  
Patterson, Errington - Closure and Sustainability Initiatives leading to the Reopening of the Gibraltar Mine  
Stogran, Davidson - An Update on the Kemess South Fisheries Compensation Agreement and Evaluation of the Effects of Flow Regulation and Sediment Management Practices on Bull Trout Utilization in the Kemess Creek System  
Mchaina - Development and Implementation of a Decommissioning and Closure Plan at the Premier Gold Project  
Kabwe, Wilson - Field Measurements of Changes of Water Contents and Prediction of the Rate of Drying with Time at or near the Ground Surfaces of Two Waste-Rock Piles  
C. Smyth - A Review of Environmental Impact Statements and their Utility for Coal Surface Mine Reclamation Planning in Alberta and BC  
Chapman - Selenium Status - Elk River Valley, BC  
**Chapman - Selenium Monitoring and Management - New Mines**  
Kawaja - Investigation of a Passive System for the Treatment of Mine Effluents - A Duplicate Column Study of Arsenic, Cadmium and Zinc Treatment in an Anaerobic Bioreactor  
Renken, Yanful, Mchaina - Summary of Field Performance Evaluation of Soil-based Cover Systems to Mitigate ARD for the Closure of a Potentially Acid-Generating Tailings Storage Facility

**2006**

Sibbick, MacGillivray - Snip Mine: Seven Years After Closure  
Bellefontaine - BC is Booming - Is ARD Looming? - An Overview of ML/ARD Regulatory Approach and Mining Issues in British Columbia  
Mattes, Pommer, Duncan - Site Remediation of Acid Damaged Soils Using Sprayed Biosolids and Lime - A Case Study of the Area near the Trail Lead Zinc Smelter in Trail, BC

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Price, Bellefontaine, Ferris - Summary of the 2005 Financial Security Review at the Equity Silver Mine  
Pelletier - Trout Lake Molybdenum Property Reclamation Case Study  
Witt, Hamaguchi - Preparing a High Elevation Tailings Impoundment for Final Closure  
Symbaluk - Cardinal River Operations - Cheviot Haul Road Construction, Reclamation and Operation  
Polster, Howe - Mine Reclamation in British Columbia: Accolades and Issues  
Pearse - Closure of the Colomac Mine - A First Nations-Mine Owner Collaboration  
Tremblay, Hogan - Initiatives at Natural Resources Canada to Deal with Orphan and Abandoned Mines  
Kawaja, Gould, Morin, Mattes, Duncan - A Performance Comparison of Arsenic, Cadmium and Zinc Treatment in a Duplicate Column Study of an Anaerobic Bioreactor Operated at 4°C and 25°C  
Tremblay, Hogan - An Overview of the MEND Program - Canada's ARD Research and Technology Transfer Initiative  
Brown, Borstad, Martinez, Kerr, Willis - Temporal Trends in Reclamation Assessed with Airborne Multispectral Remote Sensing  
Howie - Utilization of Reclamation Habitats by Birds Within the Highland Valley Copper  
Galloway, Fraikin, Kovats, Robinson, Riordan - Responses of Juvenile Rainbow Trout and Benthic Invertebrate Communities Exposed to Effluents from a Molybdenum Mine in Central British Columbia  
McKee, Morris, Nicholson, Rosendale - Site Specific Risk Assessments of Two Former Copper Concentrate Shed Sites near Topley, B.C.  
Weech, Scheuhammer, - Mercury Concentrations in Fish-eating Birds from the Pinchi Lake Area in Relation to Productivity and Reproductive Success  
Davidson, Chapman - Selenium Source Characterization and Receiving Environment Monitoring at the Kemess South Mine  
McGurk, Landry, MacGillivray - Eskay Creek Mine Environmental Effects Monitoring Program and its Implications for Closure Planning  
Carmichael, Chapman - Baseline Selenium in Sculpins Related to the Northeast Coal Zone  
Love, Tamblyn, Sharpe - A Case Study Approach to Understanding Provincial Aquatic Environmental Effects Monitoring Requirements for Mines

**2007**

Azevedo, O'Hara - Remediation Project - Counting the Pennies  
Adamson, Munn, O'Hara - Storming the Beaches: Surface Water Aspects of the Britannia Mine Remediation  
O'Hara, Azevedo, Bordian, Clausen, Madsen - Britannia Mine: Back to the Future...Remediation Progress at Britannia and a Bright Future as a Consequence  
Britannia Mine Water Treatment Plant: The First Year of Operations  
Wernick, Nikl, Zis, McKeown, Azevedo, - Britannia Mine Remediation Project - Integrating Ecological Monitoring with Reclamation Activities  
Nikl, Zis, McKeown - May We Please Clean Up? Integrating Risk-Based Approaches with Effluent Permitting Requirements at Mine Reclamation Sites  
Barnett, Hoos, Das, Matheson, Madsen - Winter Road Progressive Soil Remediation in the Sub-Arctic, Abandonment and Reclamation Planning and the Winter Road Environmental Management System (WREMS)  
Back, Perkins, Rand - Assessment of Copper in Spectacle Wetland, Mount Washington  
Vaartnou - Native Grass Seed Development: 1975 - 2007 Challenges and Results

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Meister - Reconstruction of Forested Ecosystems on Rock Disposal Sites at Mount Polley Mine  
Polster, DuBois - Quinsam Coal Mine Reclamation: 25 Years of Reclamation Experience  
Veiga, Shandro, Scoble - Using Music to Teach Mine Reclamation  
Steward, Johnstone - British Columbia Crown Contaminated Sites Program Overview  
Tinholt, Sandstrom, Sevigny, Stewart, Sinnett - Site Investigations and Remediation: Yankee Girl Tailing Site, Ymir, B.C.  
Power, Fikart, Tinholt, Wilson, Stewart, Sinnett - Risk Ranking Methodology for Abandoned Mine Sites in B.C.  
Sevigny, Dulisse, Tinholt, Stewart, Sinnett - The Application of Small-Mammal Analyses in Terrestrial Ecological Risk Assessment, Former Yankee Girl Mine, Ymir  
White, Healey - Mount Washington Mine Remediation Project  
Chapman, Jones - Update on the Status of Selenium Investigations in the Elk River Valley, B.C.  
Wen, Landry, McGirk, Harwood, Pelletier, Pierce, Wichers - Fisheries Habitat Compensation Planning for Mine Drainage Impacts at the Island Copper Mine  
Sousa, Veiga - Implementing Programs to Improve Gold Recovery and Reduce Environmental Impacts by Artisanal Gold Mining in Brazil  
Lighthall, Martin, Christenson - Operating for Closure: Life of Mine Waste Management at Huckleberry Mine  
Larratt, Freberg, Hamaguchi - Developing Tailings Ponds and Pit Lakes as Bioreactors and Habitat Cost-Effective Successes at Highland Valley Copper  
Dixon - Selenium in Geological Samples: Investing in a Mathematical Mystery

**2008**

McLaren - Mine Reclamation and the British Columbia Environmental Assessment Process  
Hogan, Tremblay - NOAMI and Partners – A Six-Year Retrospective  
Tisch, Zinck, Vigneault - Green Mines Green Energy: Establishing Productive Land on Mine Tailings  
Healey - Mount Washington Mine Remediation to Support Recovery of the Fish Stocks in the Tsolum River  
Harrison, Marsland - The Importance of Sample Selection for the Purpose of Developing the Waste Rock Management and Conceptual Closure Plans at Kemess North  
Steller, Reggin, Schmidt, Sylte - Safety and Sustainable Habitat Considerations for the Lakeview Dividend Mine Closure - Bats in the Adit  
Freberg, Sperling - Highland Valley Landfill – From Concept through Environmental Assessment  
Chapman, Berdusco, R. Jones - Selenium Investigations in the Elk River Valley, BC – 2008 Update  
Martin, Simpson, Wallschläger, London, Wiramanaden, Pickering, Belzile, Chen - The Biogeochemical Behaviour of Selenium in Two Lentic Environments in the Elk River Valley, British Columbia  
Fitzgerald, Nicholson, Regoli - Environmental Management Criteria for Molybdenum and Selenium: A Review Relevant to the Mining Industry  
Schmitt, Ames, Stoopnikoff - Development of the New Afton Copper Gold Mine on a Former Minesite in the Agricultural Land Reserve, Kamloops, BC  
Phillip, Hockley, Dawson - Sullivan Mine Fatalities and the Role of Air Quality in Mine-Related Incidents  
Cordy, Veiga, Carrasco - Urban Artisanal Gold Shops and Mercury Emissions  
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Mitchell - Mine Reclamation and Integrated Land Use in the Kimberley Region of Western Australia

Sousa, Veiga, - Garimpo Canaan - A Successful Case of Reclamation of an Artisanal Gold Mine in the Amazon

Symbaluk - Testing Landscape Modeling Approaches for Environmental Impact Assessment of Mining Land Use on Grizzly Bears (*Ursus Arctos Horribilis*) in the Foothills Region of West Central Alberta

Larratt, Hamaguchi, Freberg - The Development of an Aquatic Ecosystem in Trojan Tailings Pond, Highland Valley Copper

Raymond, Smestad - Teck Cominco Riverbank Restoration Project: Case Study, Trail, British Columbia

**2009**

Podrasky, Teske, Poole - Habitat Use, Seasonal Movements, and Population Dynamics of Bighorn Sheep in the Elk Valley

Pumphrey - Henretta Creek Reclamation Project

Straker, Fuller, Feillinger, Gallaher, O'Brien, Frase, Pumphrey - Remote-Sensing-Based Assessment of Reclamation at Teck Coal's Elk Valley Operations

Borstad, Martinez, Brown, Hamaguchi, Dickson, Freberg - Airborne Mapping of Vegetation Changes in Reclaimed Areas at Highland valley Copper Between 2001 and 2008.

Hua - Available Option for the Determination of Ultra Trace Elements in Pristine Environments

Tinholt, Bullock, Schnieder, Stewart, Sinnett - Update on the Reclamation of the Yankee Girl Tailings Site, Ymir, B.C.

Richens - Introduction to Conservation and Reclamation at Alberta's Mineable Oil Sands.

Garibaldi, Straker - Cultural Keystone Species in Oil Sands Mine Reclamation, Fort McKay, Alberta.

Turner, Stokes, Duncan - An Adaptive Approach to Reclaiming the First Coal Corporation Central South Property.

Polster - Natural Processes: The Application of Natural Systems for the Reclamation of Drastically Disturbed Sites

Amichev, Burger, Rodrique - Carbon Sequestration by Forests and Soils on Mined Land in the Midwestern and Appalachian Coalfields of the US.

Berryman, Straker, Straker - Using Lichens and mosses as Bioindicators of Air Pollutant Deposition Near Remote Mining Operations

Phillip, Thomson, Dawson, Kuit - Sullivan Mine Waste Dump Characterization, Part 1.

Phillip, Hockley, Dawson, Kuit, Klein - Sullivan Mine Waste Dump Characterization, Part 2.

McConnachie, Lysay, Bent - Selenium Management Challenges at Kemess Mine.

Pumphrey, Gilron - Elk Valley Selenium Task Force (EVSTF) Update and Overview - 2009

Frennette - An Evaluation of Benthic Invertebrate Communities as an Indicator of Stream Ecosystem Health Below Active Coal Mines in the Elk River Watershed

Elphinck, Bailey, Lo, J. Berdusco, Sword - Effect of Selenium on Early Life-Stage Development of West slope Cutthroat Trout

Polzin, McPherson, Hlushak, Michel - Lentic and Lotic Mapping of the Elk River Watershed.

Chapman, Adams, Brooks, Delos, Luoma, Maher, Ohlendorf, Presser, Shaw - Ecological Assessment of Selenium in the Aquatic Environment.

Martin, Buckwalter-Davis, R. Jones - Passive and Semi-Passive Treatment

R. Jones, Brienne, Jensen, Tompkins - Selenium Release from Coal Mines in the Elk

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Valley, and Treatment R&D Plans.

**2010**

Polster - Long Term Reclamation Monitoring of Vegetative Covers at the Island Copper Mine, Port Hardy, BC.

Ashenhurst, Polzin - Revegetation Restoration for Culvert Replacement in a Wetland.

Raymond - Soil Bioengineering for Control of Soil Erosion in a Re-Constructed Waterway on an Alberta Oil Sands Overburden Dump.

Myrowich, Nelson - The Benefits of Biotics in Erosion Control Materials for Critical Sites: Better Business, Improved Soil and Stronger Vegetation.

Polster - Soil Bioengineering Treatments for Degraded Riparian Ecosystems.

Weston - Best Practices for Resource Road Reclamation.

**Lysay, McConnachie, Johns, Evans - Kemess South Mine Reclamation and Closure.**

Straker - Teck Coal's Reclamation Research Program - A Synthesis of 40 Years of Experience in Mountain Mine Reclamation.

Priscu, Aldea, Wond, Dunham, Lumey - Minimizing Environmental Impacts in Rehabilitating Small Remote Abandoned Mine Sites in Manitoba.

Runnels, Stewart - BC Crown Contaminated Sites Program Remediation of the Historic Mine Tailings at Two Mile Creek, near Hazelton, BC.

White, Tong - Mount Washington Mine Remediation Project - Construction Phase.

Smyth, Caldwell, Sword - Wildlife Mitigation Burn Monitoring Program at Teck Coal Limited - Fording River Operations.

Mamer - Oil Sands Tailings Technology: Understanding the Impact to Reclamation.

Anderson, Wells, Cox - Pond 1: Closure of the First Oil Sands Tailings Pond.

Campeau, Blanchard - Use of Locally Sourced Moss, Lichen and Vascular Plant Propagules for the Revegetation of Mineral Disturbances in a Boreal Climate.

Keefer, Moody - Comparative Inventory of Vegetation and Soils Surrounding Teck Coal Ltd.'s Coal Mountain Operations.

Bäckström, Sartz, Domeij - Flooding of Oxidized Waste Rock Amended with Alkaline By-Products.

Sartz, Bäckström, Karlsson - Alkaline By-Products as Amendments for Stabilization and Neutralization of Oxidized Suphidic Mine Waste Deposits.

Longman - Vegetation Development and Native Species Establishment in Reclaimed Coal Mine Lands in Alberta: Directions for Reclamation Planning.

Lister - An Evaluation of Factors Influencing Spontaneous Vegetation Succession in Northern Latitude Disturbances: Assessment of Natural Recolonization of Disturbances in Yukon.

Doram - Tools for Assessing Soil Metal Bio-availability.

Straker, Donald - Developing the Guidelines for Reclamation to Forest Vegetation in the Athabasca Oil Sands Region.

**2011**

Alvarez, Brown, Borstad, Martell, Dickson, Freberg - Assessment of Reclamation Status and Identification of Water Stress using Airborne Remote Sensing

Brinker, Symbaluk, Boorman - Constructing Habitat for a Sustainable Native Fishery in the Sphinx Lake End Pit Lake System

Brinker, Paquin - Soil Salvage and Placement: Breaking New Ground at Teck's Cheviot Open Pit Coal Mine

Cameron, North, Wilkins, Flemming - Case Study: Kemess South Mine Site Reclamation and Closure - Contaminated Sites Assessment and Remediation

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Clark, Christensen, Lum – Acid Rock Drainage Source Control Opportunities at the Red Dog Zinc and Lead Mine, USA  
Cristescu, Stenhouse, Symbaluk, Boyce - Land-use Planning following Resource Extraction – Lessons from Grizzly Bears at Reclaimed and Active Open-pit Mines  
Crossley, Russell, Van Zyl, McKenna - Developing an Operation, Maintenance and Surveillance Manual for the Post-closure Management of Tailings Facilities  
Hawkes - Early Successional Wildlife Monitoring on Reclamation Plots in the Athabasca Oil Sands Region  
Humphries, Thomson, Unger - Long-term Post-closure Surface Water and Groundwater Risk Management and Subsequent Water Quality Trends at the Former Sullivan Mine, Kimberley, BC, Canada  
Jones (C), Buffalo, Errington, MacLean - Fort McKay First Nation's Involvement in Reclamation of Alberta's Oil Sands Development  
Kansas, Symbaluk - Balancing Focal Species, Recreation and Biodiversity in Mountain Coal Mine Closure Planning – Alberta, Canada  
Karmacharya, Symbaluk, Brand, Schwartz - Life of Coal Mine Planning – Engaging in Land Use Planning at Luscar and Gregg River Mines  
Keefer, Kenndy, Moody, Gibeau - Comparative Inventory of Vegetation and Soils Surrounding Teck Coal Ltd.'s Coal Mountain Operations – 2010  
McKenna, Scordo, Shuttleworth, Straker, Purdy, Buchko – Aesthetics for Mine Closure  
Ouellet, Filion, Edwards, Davies – Louvicourt Mine – A Recent Mine Closure Case Study  
Polster – Effective Reclamation: Understanding the Ecology of Recovery  
Przeczek, Ryder – Revegetation at the Sullivan Mine: Research to Closure A Case Study  
Price, Aziz, Bellefontaine - Review of 2010 financial security at Equity Silver Mine  
Shandro, Ostry, Scoble, Van Zyl – Reaching Economic and Social Prosperity – a Need to Collaborate with Communities through Commodity Cycles to Post Closure  
Swanson, Abbott, Funk, Kirk, McKenna, Ohlendorf, Sandy – Building Stakeholder Engagement in Sustainable Solutions: the Strategic Advisory Panel on Selenium Management  
Tashe, Borges – The Mine that Almost Closed – A Review of Fifteen Years of Reclamation at the Kitsault Mine, Alice Arm, BC  
Trileca, Teshima – Assessing Soil Carbon Storage and Climate Change Mitigation in Biosolids Mine Reclamation Projects

**2012**

Howe, Demchuck, Rollo - Mines act permitting: update on government structure, roles, and responsibilities and requirements  
Chalmers, Gardiner, Gelfand and Shea - TSM in Action: The Mining Association of Canada's "Towards Sustainable Mining" Initiative  
Fraser, Pumphrey, Qualizza - Teck's Coal business unit applied research and development program – a watershed approach  
Polster - A new paradigm for the restoration of drastically disturbed sites  
Clark, Gibson, Rex, Moody and Urban - Developing a mine erosion and sedimentation control plan guidance document for exploration, construction, operation and closure  
Hougen, Woods, McCaffrey, Romyn - Invasive plants – impacts, pathways and vectors, and best practices  
Holmes, Hamblin, Hogarth, Ford, Anderson - Samatosum – A review of two early acid drainage prevention approaches  
Price, Aziz - The flooded tailings impoundment at the Equity Silver Mine  
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Bright, Flemming, Choi - Protection of groundwater and surface water at a bulk explosives facility using calculated risk-based guidelines.  
Ames - Closure of the Lumby Quinto mine site  
Clark - Site specific testing for sediment pond design at mine sites to lower the risk of exceeding discharge total suspended solids and turbidity  
A.J. Peatt, A.D. Peatt, Poster, Lister, Guilleminot - Enriching mine reclamation: highlights of the Brenda Mine biodiversity enhancement program  
Cristescu, Stenhouse, Symbaluk, Boyce - Ecological effects of mine reclamation on grizzly bears  
Antonelli, Gardner, Broersma, Karakatsoulis - Carbon sink potential of biosolid reclaimed mine tailings  
Carson, Rutherford, Burton - Effectiveness of soil amendments and revegetation treatments at Huckleberry Mine, Houston, British Columbia.  
Polzin - Henretta Creek and Lake – a decade of reclamation monitoring.  
Crawford, Gardner, Karakatsoulis - Biofuel crop production on biosolid-amended mine tailings at Highland Valley Copper.  
Martinez, Brown, Borstad, Dickson, Martell - Multispectral mapping of vegetation changes in reclaimed area at Highland Valley between 2001 and 2011.  
Futoransky, Fuller, Donald - Field protocol for assessing characteristic species thresholds in polygons on reclamation areas.  
Bravi, Chapman - Establishment of a trial to test direct seeding of lodgepole pine for reclamation on Gibraltar mine properties, British Columbia.

**2013**

Brodie, Considerations in mine reclamation costing.  
Harding. Above the coal mines: the evolution of mine reclamation in the United States.  
Donald, Unger, Marsland. Decommissioning and remediation of the Pinchi Lake mine.  
Allard, Baker, Mackintosh. Use of ecological risk assessment to guide remediation at the Teck Pinchi Lake mercury mine.  
Marsland, Unger, Donald. Pinchi Lake mine closure – demolition debris disposal,  
Unger, Donald, Marsland. Long term post-reclamation management of the Pinchi Lake Mine.  
Polster. Processes and functions: A new approach for mine reclamation.  
Choi, Lin, Hamm, Viehweger, Tolera, Kolb. Site groundwater management strategies: groundwater metal remediation using permeable reactive barriers.  
Clark, Hemachandra Jayasena. Using the BC "Guidance for assessing the design, size and operation of sedimentation ponds used in mining" to comply with Federal/provincial sediment control legislation,  
Bazin. Abandoned underground mine remedy evaluation and remedial design Captain Jack Mill Superfund Site, Colorado.  
Tallon, O'Kane. Intensively monitoring cover system thermal properties with distributed temperature sensing.  
Kim G. Poole, C. R. Smyth, Teske, Podrasky, Serrouya, Sword, Amos. Bighorn sheep and Elk Valley coal mines; ecology and winter range assessment.  
Moody, McConnachie. "Moving mountains and goalposts – how do you know when you've reached the goal?" – Regulatory perspectives of mine reclamation success.  
Stevens, Tashe. From exploration to post-closure—the benefits of using terrain stability assessments in mine life planning.  
Baker, Bertram, Humbert, Boyd. Dominion (Gurney) Minesite Rehabilitation.  
Stevens, Sulatycky, Small, Götz, Taillefer, Burke. Planning for closure – Porcupine Gold Mines' mine closure program.  
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Adams, Clark, Opara, Peoples. Discussion of regulatory compliance strategies to achieve receiving water quality standards using selenium reduction/removal options.  
Bianchin, Martin, Adams. In-Situ immobilization of selenium within the saturated zones of backfilled pits at coal-mine operations.  
Horan, Rose. Low-cost self-cladding of coal dumps. The Fungcoal process.  
Garrah, Straker. Species richness at a small metals mine near an abundant source of native propagules.  
Cohen-Fernández, Naeth. Reclamation of a limestone quarry to a natural plant community in the Rocky Mountains of Southern Alberta.

**2014**

Bright, Bryant, Eickhoff. Site-specific water quality objectives for mine environmental management.  
Baker, Mann, Allard. Temporal changes of fish mercury concentrations in mining-affected Pinchi Lake, BC.  
Mann, Baker, Allard. A risk assessment/ risk management perspective on mercury contaminated sediments in mining –affected Pinchi Lake, BC.  
Przeczek, Amos. Developing an effective native tree and shrub planting program at Teck Coal Ltd.'s, Elkview Operations.  
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Martínez, Brown, Lim, Ersahin, Borstad, Dickson, Martell. Assessment of vegetation change after biosolids treatment: use of remotely sensed vegetation time series/  
Tong, Miskolczi, Allen, Wilson, Rykaart. Capillary break cover design at Lorado mill tailings site.  
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do Vale, Aragão, Pimenta de Ávila, Matos. Decommissioning and reclamation of the Santo Antônio tailings management facility.  
Phinney, Coleman. Towards closure of the fire road ARD site in New Brunswick.  
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Straker, O'Kane, Carey, Baker, Charest, Shurniak. Towards an ecohydrologic classification of reclaimed watersheds: methods for estimating soil water regime on reclaimed mine waste materials; and relationships between reclamation and surface water balances in Teck's reclaimed coal-mining watersheds.

Goodbrand, Birkham, O'Kane, Barbour, Carey, Straker, Baker, Klein. Near-surface water balances of coal waste rock deposits,