

Michael Gregory Sklash, Ph.D., P.Eng.

Expert Qualifications

EDUCATION

- Ph.D. (Earth Sciences), University of Waterloo, Waterloo, Ontario, Canada, 1978, (specializing in hydrogeology)
- M.Sc. (Earth Sciences), University of Waterloo, Waterloo, Ontario, Canada, 1975, (specializing in hydrogeology)
- B.A.Sc. (Geological Engineering), University of Windsor, Windsor, Ontario, Canada, 1973

EMPLOYMENT HISTORY

- 1992–present, Senior Hydrogeologist, Dragun Corporation, Farmington Hills, Michigan
- 2007–2015, Adjunct Faculty, Department of Civil Engineering, Lawrence Technological University, Southfield, Michigan. Also: 2013–2014, Department of Natural Sciences, Lawrence Technological University, Southfield, Michigan
- 1977–1994, Professor, Department of Geology and Department of Civil and Environmental Engineering, University of Windsor, Windsor, Ontario, Canada; Also 2002, Sessional Professor, Department of Earth Science, University of Windsor.

PROFESSIONAL REGISTRATIONS

- Professional Engineer, Professional Engineers Ontario 1978–present.
- Professional Engineer, The Association of Professional Engineers and Geoscientists of British Columbia 2016-present.
- Qualified Person, Province of Ontario, Ontario Ministry of the Environment

TESTIMONY, DEPOSITIONS, & OPINIONS – *chlorinated hydrocarbons*

- Charter Township of Shelby et al v. North American Technical Trading, Inc. et al. State Court of Michigan, Macomb County Circuit Court Case No. 11-3549-CZ and 12-5564-CZ
- Aero Space Controls Corporation v. Teleflex Incorporated United States District Court for the District of Kansas Case No. 10-01093-KHV

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- ITT Corporation v. Borg Warner Inc., et al. v. L.A. Darling Company
Federal Court Western District Michigan
Case No. 1:05-CV-0674 (W.D. Mich.)
- Acme Contracting, LTD v. Michigan Department of Management and Budget
State of Michigan, Ingham County Circuit Court
Docket No. 07-103-MK
- Michael A. Cox, Attorney General for the State of Michigan v. Rexair, Inc.
Circuit Court for the 30th Judicial District, Ingham County, Michigan
Case No. 89-64557
- Century Indemnity Company v. Aero-Motive Company
United States District Court, Western District of Michigan, Southern Division
Case No. 1:02-CV-108
- Aero-Motive Company v. William and Roger Becker
United States District Court, Western District of Michigan
Case No. 1:99-CV-384 (W.D. Mich.)
- Aetna Casualty and Surety Company v. The Dow Chemical Company and American
Guarantee and Liability Company, et al.
United States District Court, Eastern District of Michigan, Southern Division
Case No. 93 CV 73601 DT
- United States Aviation, et al. v. Tucson Airport Authority et al.; Ronald John Smith et al.
v. Tucson Airport Authority et al.; and Associated Aviation Underwriters, et al. v. Tucson
Airport Authority et al.
Superior Court of the State of Arizona and for the County of Pima
Case No. 298875 (under seal)

TESTIMONY, DEPOSITIONS, & OPINIONS – *other groundwater issues*

- Charter Township of Lansing and Lansing Township Downtown Development Authority
v Lansing Board of Water and Light
United States District Court for the Western District of Michigan, Southern Division
Case 1:14-cv-00514
Landfill Issues and Groundwater
- City of Kelowna v Suncor Inc. et al.
SCBC #KAM-S-S-53142 – Kamloops Registry
Sources and Timing of Releases of Fuel to Soil and Groundwater

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- Husky Oil Limited v. Laval Tool and Mould Ltd.
Ontario Superior Court of Justice
Court File No. CV-10-14857
Petroleum Impacts in Surface Water
- Canadian Tire Corporation Limited v. Huron Concrete Supply Limited
Ontario Superior Court of Justice, London, Ontario
Court File No. 203-2008
Source of Fuel Release to Soil & Groundwater
- Region of Peel v. Canadian Tire Corporation Limited
Ontario Superior Court of Justice, Brampton, Ontario
Court File No. CV-11-1259-00
Sources and Timing of Releases of Fuel to Soil and Groundwater
- Marist College et al v. Chazen Environmental Services, Inc. et al.
Supreme Court of the State of New York, County of Dutchess
Index #2009/2365
Sources and Timing of Releases of Fuel to Soil and Groundwater
- Ontario Municipal Board
OMB Case No. PL080049
Windsor, Ontario
Groundwater Flow Systems Analysis
- Kosha v. Consumers Energy Company et al.
40th Circuit Court, County of Lapeer, State of Michigan
Case No: 08-040193-Ch
Groundwater Flow Systems Analysis
- Robert E. and Roberta Shaffer et al. v. Optima Dairy LLC and Indiana Department of Environmental Management
Indiana Office of Environmental Adjudication
Case No. 07-W-J-4041
Agricultural Issues in Groundwater
- Larry Askins et al. v. Robert J. Boggs, Director, Ohio Department of Agriculture, et al.
State of Ohio Environmental Review Appeals Commission
Case No. ERAC 876032-876034
Agricultural Issues in Groundwater

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- Richard Franks et al. v. CMS Land Company et al.
State of Michigan in the Circuit Court for the County of Emmet
Case No. 05-9024-NZ
Landfill Issues and Groundwater
- Citizens Against Mega Dairies, LLC et al. v. Fred Dailey, Director of Ohio Department of Agriculture, et al.
State of Ohio Environmental Review Appeals Commission
Case No. ERAC 245756 eq seq
Agricultural Issues in Groundwater
- Wood County Citizens for Clean Air and Water Committee of WCCOFF LLC, et al. v. Fred Dailey, Director of Ohio Department of Agriculture, et al.
State of Ohio Environmental Review Appeals Commission
Case No. ERAC 875654-875666
Agricultural Issues in Groundwater
- Michael A. Cox, Attorney General for the State of Michigan v. Macomb County Parks and Recreation, South Macomb Disposal Authority, et al.
Circuit Court for the County of Macomb
Case No. 95-150 CE
Landfill Issues and Groundwater
- Stark-Tuscarawas-Wayne Joint Solid Waste Management District et al. v. Christopher Jones, Director Ohio EPA and Republic Services of Ohio, LLC, et al.
State of Ohio Environmental Review Appeals Commission
Case No. ERAC 795323
Landfill Issues and Groundwater
- Larry Bowens, et al. v. 7-Eleven, Inc., The Southland Corporation, MDK Corporation and ENSR Corporation
Elkhart Superior Court III, Goshen, Indiana
Case No. 20D03-0209-CT-48
Fuel Contamination of Soil/Groundwater, Plume Allocation
- Andrew and Helen Pogogeff v. Borough of Alpine, et al.
Superior Court of New Jersey, Bergen County
Docket No. BER-L-735-99
Groundwater Flow Systems Analysis

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Expert Qualifications

- American Special Risk Insurance Company et al. v. City of Center Line et al.
United States District Court, Eastern District of Michigan, Southern Division
Case No. 2:97-CV-72874
Landfill Issues and Groundwater, Plume Allocation
- South Macomb Disposal Authority v. Cranford And International Insurance Company
The Circuit Court for the County Of Macomb, State Of Michigan
Case No. 84-2686-CZ
Landfill Issues and Groundwater, Plume Allocation
- Technical Rubber Co. et al. v. Buckeye Egg Farm LLP et al.
Licking County Court of Common Pleas, Newark, Ohio
Case No. 99 CV 729
Agricultural Issues in Groundwater

PROJECT EXPERIENCE - Chlorinated Hydrocarbons

- Acadian Platers, Etobicoke, Ontario: Peer review chlorinated hydrocarbons in soil and groundwater, groundwater monitoring, evaluation for alternate remediation.
- Bennett Jones LLP, Toronto, ON: Peer review and remedial investigation chlorinated hydrocarbons in soil and groundwater.
- Canplas, Barrie, Ontario: Detailed site characterization for chlorinated hydrocarbon impacts using passive soil gas and membrane interface probe technology; peer review chlorinated hydrocarbons in groundwater, groundwater monitoring, pilot testing for alternate remediation, groundwater modeling.
- Davies Ward Phillips and Vineberg, LLP. Toronto, Ontario: Expert consultation in responsibility for chlorinated hydrocarbon impact in groundwater.
- Federal-Mogul Corporation, Grand Haven, Michigan: Groundwater investigation, chlorinated hydrocarbons, plume allocation.
- Federal-Mogul Corporation, Michigan City, Indiana: Remedial investigation of chlorinated hydrocarbon impacted groundwater, groundwater modeling, and alternate groundwater remediation.
- Federal-Mogul Corporation, St. Johns, Michigan: Remedial investigation of chlorinated hydrocarbon impacted groundwater, aquifer testing, and remediation.
- Foley & Mansfield, Portland, Oregon: Expert services in Siltronic Defence in the Portland Harbor chlorinated hydrocarbon impact.

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- Henkel Technologies, Morenci, Michigan: Groundwater flow system analysis, chlorinated hydrocarbons in groundwater.
- Henkel Technologies, Newington, Connecticut: Groundwater flow analysis, chlorinated hydrocarbons in groundwater, environmental isotope evaluation to evaluate aquifer connections.
- Hydro Aluminum Adrian, Adrian, Michigan: Remedial investigation, plume allocation, modeling, chlorinated hydrocarbons in soil and groundwater, prepared remedial action plan, annual monitoring, plant decommissioning
- Hydro Aluminum North America, c/o Manko, Gold, Katcher, & Fox LLP, Philadelphia, Pennsylvania: Expert services in site characterization and remediation, chlorinated hydrocarbons in soil and groundwater.
- IMG & Associates, Salina, Kansas: Groundwater flow, chlorinated hydrocarbons in groundwater, allocation of responsibility.
- Jervis B. Webb Company, Farmington Hills, Michigan: Forensic hydrogeology, chlorinated hydrocarbons, plume allocation, groundwater consulting in South Gate, California; meetings with California regulators.
- Michigan Seat, Jackson, Michigan: Chlorinated hydrocarbons in groundwater, remedial investigation, two sites.
- Rexair, Inc., Cadillac, Michigan: Groundwater investigation, plume allocation, groundwater modeling, chlorinated hydrocarbons.
- Salina Entities, Salina, Kansas: Remediation cost estimate, chlorinated hydrocarbons in soil and groundwater, mediation assistance, remedial investigation and feasibility analysis.
- Schwan's Sales Enterprises Incorporated, Salina, Kansas: Peer review - chlorinated hydrocarbons in groundwater.

PROJECT EXPERIENCE – Other

Fuel Releases to Groundwater

- Canadian Tire Corporation, Barrie, Ontario: Fuel release, site characterization, soil and groundwater remediation.

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- Canadian Tire Corporation, Kenora, Ontario: Fuel release, site characterization, groundwater remediation, allocation of responsibility.
- Canadian Tire Corporation, Mississauga, Ontario: Fuel release, site characterization, contaminant management plan.
- Canadian Tire Corporation, Toronto, Ontario: Fuel release, site characterization, pilot testing and feasibility analysis, remedial action plan.
- Fulton and Company, LLP, Kamloops, BC: Expert consultation, fuel release to groundwater.
- SECURE Energy Services, Calgary, Alberta: Work plan for investigation of potential impact in bedrock groundwater at a drilling site.
- TRW, Sterling Heights, Michigan: Site remediation, flow system analysis, RAP preparation, annual monitoring.

Litigation Support Groundwater

- Varnum, Grand Rapids, Michigan: Aero-Motive Company, Kalamazoo, Michigan, litigation support, plume allocation, evaluate trichloroethene in groundwater, and groundwater modeling.
- Jaffe Raitt, Detroit, Michigan: Aerodynamics, Inc., Pontiac, Michigan, litigation support, aviation fuels in groundwater, remediation, and groundwater modeling.
- Baker and Hostetler, LLP, Cleveland, Ohio: Wichita, Kansas site, litigation support, chlorinated hydrocarbons, and groundwater modeling.
- Baker and Hostetler, LLP, Cleveland, Ohio: Ohio site, litigation support, landfill permitting.
- Barnes and Thornburg, Grand Rapids, Michigan: litigation support, former industrial site, chlorinated hydrocarbons in groundwater, and plume allocation.
- Buckingham, Doolittle, & Burroughs, LLP, Columbus, Ohio: Litigation support, impacts from large livestock farm operations.
- Canadian Tire Corporation, Mississauga, Ontario: Litigation support, fuel release.
- Canadian Tire Corporation, Port Colborne, Ontario: Litigation support.
- Foley, Baron and Metzger, PLLC, Livonia, Michigan. Litigation support, fuel release.

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- Garan Lucow Miller, PC, Grand Blanc, Michigan: Litigation support, groundwater flow system analysis.
- Gowlings, Toronto, Ontario: Canadian Tire Corporation, Goderich, Ontario, litigation support, fuel release.
- Grange Insurance Company of Michigan, Grand Haven, Michigan: Litigation support, groundwater cleanup, gasoline in groundwater, peer review, and litigation support.
- Hertz, Schram & Saretsky, Bloomfield Hills, Michigan: Litigation support regarding CDK leachate.
- Hogan & Hartson, Washington, D.C.: Litigation support, TCE in groundwater, plume allocation.
- Howard E. Gurwin, P.C., Detroit, Michigan: Litigation support.
- Jaffe Raitt, Southfield, Michigan: Litigation support regarding Rapanos wetland issues and TCE in groundwater.
- Katten, Muchin, Rosenmann, Chicago, Illinois: Litigation support, chlorinated hydrocarbons in groundwater, plume allocation.
- Kirwin Partners, LLP, Windsor, Ontario: Litigation support regarding petroleum compounds in surface water.
- Newby, Lewis, Kaminski, and Jones, LaPorte, Indiana: Litigation support, gasoline in groundwater, plume allocation, groundwater modeling.
- Pogogeff, Alpine, New Jersey: Litigation support, groundwater flow system analysis.
- Smith Bovill, Saginaw, Michigan: Litigation support regarding industrial landfills.
- Dykema Gossett, Detroit, Michigan: South Macomb Disposal Authority Sites 9/9A - Superfund Sites, Michigan, litigation support, remedial investigation, groundwater modeling.
- State of Michigan, Lansing, Michigan: Litigation support, former drum site remediation.
- Gust Rosenfeld, Tucson; Lord, Bissell & Brook, Chicago; and Mitten Goodwin & Raup, Phoenix: Tucson Airport Superfund Site, Arizona; litigation support, groundwater modeling, chlorinated hydrocarbons in groundwater, and plume allocation.

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- Van Kley and Walker, L.L.C., Columbus, Ohio: Litigation support for five agricultural projects in Ohio and Indiana.
- Van Kley and Walker, L.L.C., Columbus, Ohio: Litigation support regarding groundwater impact from road salt storage in Ohio.

Landfill Issues and Groundwater

- Prestwick Enterprise, Macomb Township, Michigan: Groundwater consultation.
- South Macomb Disposal Authority Site 11, Michigan: Consulting regarding landfill.
- University of Michigan, Ann Arbor, Michigan: Groundwater investigation at landfill, chlorinated hydrocarbons.
- Marc Shaye, Royal Oak, Michigan: Methane from landfill evaluation.
- Tiamo, LLC, Property, Macomb Township, Michigan: Phase II investigation adjacent to landfill.

Other Groundwater Contamination Issues

- Cargill and Central Salt, Camden, Ohio: Allocation of responsibility for salt-impacted groundwater.
- Henkel Technologies, Fremont, California: Groundwater flow system analysis, pesticides in groundwater.
- Honigman Miller Schwartz and Cohn, Detroit, Michigan: Determine sources of salt impact in groundwater using various isotopic and chemical tracers.

Environmental Permitting

- Freedom Hill Park, Sterling Heights, Michigan: Due care analysis of landfill.
- G Spencer, Ann Arbor, Michigan: Environmental permitting.
- Michigan Sugar, Bay City, Michigan: Groundwater discharge permits for three sites, permit assistance.
- South Minnesota Beet Sugar Cooperative, Minnesota: Groundwater report for NPDES permit.

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- Michael Best & Friedrich LLP, Madison, WI: Expert consultation in groundwater matters for three agricultural operations.

Environmental Site Assessments

- Canadian Tire Corporation, Aldershot, Ontario: Phase II ESA and decommissioning.
- Canadian Tire Corporation, Chelmsford, Ontario: Phase I and II ESA.
- Canadian Tire Corporation, Elmira, Ontario: Phase I ESA.
- Canadian Tire Corporation, Grand Bend, Ontario: Phase I ESA.
- Canadian Tire Corporation, Hamilton, Ontario: Phase II ESA.
- Canadian Tire Corporation, Warton, Ontario: Phase I ESA.
- Canadian Tire Corporation, Wingham, Ontario: Phase I ESA.

Peer Review of Environmental Site Assessments

- Canadian Tire Corporation, Leamington, Ontario: Peer review.
- Canadian Tire Corporation, Niagara Falls, Ontario: Peer review.
- Canadian Tire Corporation, Ottawa, Ontario: Peer review.
- Canadian Tire Corporation, Owen Sound, Ontario: Peer review.
- Canadian Tire Corporation, Sault Ste. Marie, Ontario: Peer review.
- Canadian Tire Corporation, Wallaceburg, Ontario: Peer review.
- Canadian Tire Corporation, Vancouver, British Columbia: Peer review.
- Chicagon Lake Property Owners Association, Iron River, Michigan: Peer review and groundwater flow system analysis.
- City of Salina, Kansas: Peer review, chlorinated hydrocarbons in groundwater, and expert services.
- Cooper Standard, Gaylord, Michigan: Peer review, chlorinated hydrocarbons in groundwater.

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- Crystal Flash, Grand Rapids, Michigan: Peer review, gasoline in groundwater at two sites.
- Delphi Automotive, Flint, Michigan: Peer review, oil in soil and groundwater, remediation.
- Hayes-Lemmerz, Sao Paolo, Brazil: Peer review, chlorinated hydrocarbons in groundwater.
- Jaffe Raitt, Southfield, Michigan: Peer review, industrial site remedial investigation, chlorinated hydrocarbons in soil and groundwater.
- Jill Clark, PA., Golden Valley, Minnesota: Peer review.
- Shore Properties, SE Michigan: Peer review and site investigation, VOCs in soil and groundwater.
- South Macomb Disposal Authority Sites 9/9A, Michigan: Peer review of landfill remediation.
- Walbro Corporation, France: Peer review, groundwater modeling, chlorinated hydrocarbons.
- Ongoing - Undisclosed Site, Michigan. Peer review, chlorinated hydrocarbons in soil and groundwater, vapor intrusion.

Groundwater Supply Evaluation

- Hidden Oak Subdivision, Romeo, Michigan: Groundwater supply.
- Monterey Development, Bruce Township, Michigan: Groundwater supply.
- Seven Lakes Development, Romeo, Michigan: Groundwater supply, and groundwater modeling.
- Vreba Hoff Dairy Development, Wauseon, Ohio: Fracture investigations at two sites, groundwater supply investigations.

INTERNATIONAL WORK

International Consulting

- 2017 Review of groundwater nitrate for Wilkins Farming Company, Southland, New Zealand.

Michael Gregory Sklash, Ph.D., P.Eng. Expert Qualifications

Visiting Scientist

- 1983 New Zealand Forestry Service, Christchurch, NZ
- 1983 New Zealand Department of Scientific and Industrial Research, Wellington, NZ
- 1984 Weizmann Institute of Science, Rehovot, Israel
- 1984 Bristol University, Bristol, UK
- 1984 NERC Institute of Hydrology, Wallingford, UK
- 1989 Nanjing Research Institute of Hydrology and Water Resources, Nanjing, China
- 1990 Commonwealth Scientific and Industrial Research Organization, Perth, Australia

International Development

- Examined groundwater conditions in coal mining area of Zimbabwe for Canadian International Development Research Centre (IDRC) in their groundwater investigations in developing countries.
- Examined the groundwater and surface water monitoring network in the Lubombo district of Swaziland and then advised the Swaziland Department of Geological Surveys and Mines and Canadian International Development Agency (CIDA) on a program to assess groundwater contributions to surface water.
- Assessed the hydrogeological framework of the drought stricken Akola Taluka area of Maharashtra State in India. Advised the IDRC on methods of harvesting rainfall and runoff to supplement existing water resources.

PROFESSIONAL PUBLICATIONS

- Bengtson G, Sklash M, and Johnson M. 2015. Avoiding The Bad Environmental Ending: The Former Military Base. International Municipal Lawyers Association Annual Conference, Las Vegas, NV
- Sklash M and Chekiri K. 2009. Contaminant Modeling to Optimize Groundwater Remedial System Design. Environment, Energy, and Resources Law: The Year in Review 2008. The American Bar Association.
- Sklash M and Pare C. 2007. Don't Take Your Water Supply for Granted. Hoard's Dairyman, Vol. 152, No 12.

Michael Gregory Sklash, Ph.D., P.Eng.
Expert Qualifications

- Sklash M, Bolin J, and Schroeder M. 2006. The ABC's of Environmental Forensics. Chemical Engineering Progress, Vol. 102, No 3.
- Sklash M and Denton C. 2006. Contaminant Fate and Transport in the Courtroom. In: Contaminated Soils, Sediments and Water: Success and Challenges, Volume 10, Springer.
- Sklash M and Mason-Merrill S. 2002. Is there really a problem with our groundwater supply? Commercial Inc. Magazine, Pontiac, Michigan.
- Sohani GG, Kakade BK, Blackburn WH, Simpson F, Sklash, MG, Smith TE, and Steele DG. 2001. Conjunctive use of water resources in Deccan Trap (India). BAIF Development Research Foundation.
- Sklash M. 2000. Groundwater supplies for "difficult" Subdivisions. Michigan Municipal Review, June 2000.
- Sklash M, Schroeder M, and Dragun J. 1999. Groundwater Models: Can you believe what they are saying? Natural Resources and Environment 13(4).
- Sklash M, Schroeder M, Chekiri K, and MacKay C. 1997. Allocating Responsibility for Releases to Groundwater. Michigan Lawyers Weekly.
- Sklash, M. 1997. Runoff generation investigations using ^{18}O and ^2H , cold season/cold regions. Invited paper in: ISOBALANCE, An International Workshop On Application Of Stable Isotopes In Water Balance Studies. National Hydrology Research Institute, Environment Canada. Saskatoon, Saskatchewan (preprint).
- Holder-Franklin M, Jagger Hims Consulting Engineers, and Sklash MG. 1996. Microbiological Indicators for Assessing Hydraulic Connection in Buried High Permeability Zones at Waste Disposal Sites. Ontario Ministry of Environment and Energy.
- Sklash MG, Beven K, Darling G, and Gilman K. 1996. Isotope studies of pipeflow at Plynlimon, Wales, U.K., Hydrological Processes.
- Sohani GG, Kakade BK, Blackburn WH, Simpson F, Sklash MG, Smith TE, and Steel DG. 1996. Conjunctive Use of Water Resources in Deccan Trap (India). Final Report, IDRC Grant No: 91-1018-02. March 1996.
- Dragun J, Barkach JH, and Sklash M. 1995. Transport and transformation of chemicals in soil systems: 1995 research needs. Chapter 4 in Hydrocarbon Contaminated Soils Volume V. ASP, Amherst, Massachusetts.

Michael Gregory Sklash, Ph.D., P.Eng.

Expert Qualifications

- Huang M, Sklash M, Biswas N, and Henderson, W. 1995. Assessment of old and subsurface water contributions to storm runoff generation in flat, fractured clayey terrain. 1995 Annual Conference of the Canadian Society for Civil Engineering, Ottawa, Ontario, June 1-3, 1995.
- Kendall C, Sklash MG, and Bullen TD. 1995. Isotope Tracers of Water and Solute Sources in Catchments. Chapter 10 in Solute Modelling in Catchment Systems, (S.T. Trudgill, ed.), John Wiley and Sons Ltd., Sussex, England.
- Chekiri K, Sklash M, Biswas N, and Morris T. 1993. Assessing recharge rates through thick clayey overburden using environmental isotopes. 1993 Annual Conference of the Canadian Society for Civil Engineering, Fredericton, New Brunswick, June 9-12, 1993.
- Huang M, Sklash M, and Biswas N. 1993. Contributions of old water to storm runoff in flat, fractured clay terrain. 1993 Annual Conference of the Canadian Society of Civil Engineering, Fredericton, New Brunswick, June 9-12, 1993.
- Turner J, Rosen M, Milligan N, Sklash M, and Townley L. 1993. Groundwater recharge studies in the Kalgoorlie region. Minerals and Energy Research Institute of Western Australia, Report No. 98.
- Sklash MG, Ainslie AM, Ibrahim OA, and Chekiri K. 1992. Is there rapid recharge through 30 m of clayey till in Essex County, Ontario, Canada? Invited paper in 1992 International Association of Hydrogeologists Conference: Modern Trends in Hydrogeology. Hamilton, Ontario.
- Turner JV, Townley LR, Rosen MR, and Sklash MG. 1992. Coupling the spatial distribution of solute concentration and stable isotope enrichments to hydrologic processes in a hypersaline paleochannel aquifer - salt lake systems of the eastern Yilgarn, Western Australia. Seventh International Symposium on Water-Rock Interaction, Park City, Utah, July 13-18, 1992.
- Sklash MG and Ainslie AM. 1991. The use of environmental isotope surveys in assessing contamination potential for 'confined' aquifers. In Proceedings, Environmental Research, 1991 Technology Transfer Conference, Ontario Ministry of the Environment, Toronto, Ontario, Volume II, November 1991.
- Sklash MG, Chiasson AD, and Mason SA. 1991. Assessing groundwater movement using environmental isotopes. In Proceedings of Gen Sem '91, 9th Annual Industrial Waste Generators' Seminar, Liquid and Solid Industrial Control Association, Dearborn, Michigan, September 1991.

Michael Gregory Sklash, Ph.D., P.Eng.
Expert Qualifications

- Sklash MG and Ibrahim OA. 1991. Grant 389: Hydrogeological Implications of Buried Eskers in Essex County, Ontario: Results from Year 1. In Geoscience Research Grant Program, Summary of Research, 1990-91, Ontario Geological Survey Miscellaneous Paper, 156:131-146.
- Sklash MG and Mwangi MP. 1991. An isotopic investigation of groundwater supplies in the Eastern Province of Kenya. Journal of Hydrology.
- Sklash MG, Moore ID, and Burch GJ. 1990. Environmental isotope tracer studies of catchment processes: tools for verifying integrated water quality models. Invited paper in International Symposium on Water Quality Modeling of Agricultural Non-point Sources. USDA.
- Sklash MG. 1990. Environmental isotope studies of storm and snowmelt runoff generation. Chapter 12 in Process Studies in Hillslope Hydrology, (MG Anderson and TP Burt, ed.), John Wiley and Sons Ltd., Sussex, England.
- Balsdon JT and Sklash MG. 1990. Environmental isotope and geochemical study of landfill leachate migration. In Symposium on Ground-Water Contamination, Environment Canada, Saskatoon, June 1989.
- Obradovic MM and Sklash MG. 1986. An isotopic and geochemical investigation of snowmelt runoff in a small Arctic watershed. Hydrological Processes.
- Pearce AJ, Stewart MK, and Sklash MG. 1986. Storm runoff generation in humid headwater catchments. 1. Where does the water come from? Water Resources Research.
- Sklash MG, Mason S, Scott S, and Pugsley C. 1986. An investigation of quantity, quality, and sources of groundwater seepage into the St. Clair River near Sarnia, Ontario. Water Pollution Research Journal of Canada.
- Sklash MG, Stewart MK, and Pearce AJ. 1986. Storm runoff generation in humid headwater catchments. 2. A case study of hillslope and low-order stream response. Water Resources Research.
- Obradovic MM and Sklash MG. 1986. An isotopic and geochemical study of seasonal snowmelt runoff in the Apex River Watershed. In Chemical Dynamics of Seasonal Snowcovers, NATO A.S.I. meeting, July 1986, Les Arcs, France.
- Sklash MG and Gorman RF. 1986. Use of natural tritium and oxygen-18 for the verification of “upgradient” monitoring wells. In Waste Tech '86: Preparing Now for Tomorrow's Needs. Proceedings of the National Solid Waste Management Association Conference, October 1986, Chicago, Illinois.

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Expert Qualifications

- Sklash MG and Jiwani RN. 1983. Groundwater contamination on Walpole Island, Ontario, Canada. In International Conference on Groundwater and Man, Volume 2: Groundwater and the Environment, Sydney, Australia.
- Sklash MG and Farvolden RN. 1982. The use of environmental isotopes in the study of high runoff episodes in streams. In Perry EC and Montgomery CW (Eds). Isotope Studies of Hydrologic Processes. DeKalb, IL: Northern Illinois University Press.
- Sklash MG and Wilson BA. 1982. An investigation of the groundwater ridging hypothesis for storm runoff generation. In Proceedings of the Canadian Hydrology Symposium '82, Fredericton, New Brunswick, Canada.
- Sklash MG and Farvolden RN. 1980. Groundwater response during runoff events. In Proceedings of a Symposium on Watershed Management, Boise, ID, 1980. American Society of Civil Engineers.
- Sklash MG and Farvolden RN. 1979. The role of groundwater in storm runoff. Journal of Hydrology.
- Sklash MG and Farvolden RN. 1979. The role of groundwater in storm runoff. In Back W and Stephenson DA (Eds). Contemporary Hydrogeology, Developments in Water Sciences, Volume 12. New York: Elsevier Scientific Publishing Co.
- Sklash MG, Farvolden RN, and Fritz P. 1976. A conceptual model of watershed response to rainfall, developed through the use of oxygen-16 as a natural tracer. Canadian Journal of Earth Sciences.
- Cherry JA, Fritz P, Bottomley DJ, Farvolden RN, and Sklash MG. Storm runoff studies in upstream basins using oxygen-18. In Proceedings of the Canadian Hydrology Symposium, Winnipeg, Manitoba, Canada, 1976.
- Fritz P, Cherry JA, Weyer KU, and Sklash MG. 1975. Runoff analyses using environmental isotopes and major ions. In Proceedings of a Symposium on the Interpretation of Environmental Isotope and Hydrochemical and Data in Groundwater Hydrology, Vienna, Austria, 1975. International Atomic Energy Agency.