



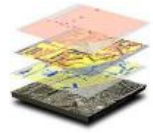
SAR Technology Inc.

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Curriculum Vitae of:

Martin John Colwell

President:

- SAR Technology Inc. – Incident Management software and training for search, rescue and emergency response.

Software Programs Developed:

- Probability of Detection Calculator
- Search Manager V3.0 – SAR Incident Management and Planning software.
- Incident Commander V5.0 – Released 2005.
- Incident Commander-GIS V6.0 –Released 2006.
- ‘Mission Control’ SAR map-server website, with Natural Resources Canada – Released 2007.
- Software currently in use throughout USA, Canada, South America, Europe, Australasia and Africa.

SAR Experience:

- 30 years experience with Search & Rescue as Team Leader, Training Officer and Search Manager.
- Project leader for the SAR Incident Management System for the Province of British Columbia, Canada.
- Participated and managed over 200 missions including Mountain Rescue, Wilderness SAR and Urban SAR in British Columbia, Wyoming and Washington State.
- Provided training on search and rescue theory and practice in British Columbia, Ontario, Quebec, Nova Scotia, Northwest Territories, Washington State, Idaho, Alaska, California, Wyoming, Washington DC, West Africa and New Zealand.



Project Manager:

- Integrated Search Management System for the Province of British Columbia, Canada.
- 'GIS for SAR' for the National Search & Rescue Secretariat, Ottawa, Ontario, Canada

Papers and Presentations Published:

- New Concepts for Gridsearching. (Emergency Response Institute).
- Planning the Gridsearch - Probability of Detection Data (Emergency Response Institute).
- The Sound Sweep – An Efficient New Ground Search Tool (Emergency Response Institute).
- Search Priority – An Integrated Approach to Search Planning. (Emergency Response Institute).
- Trail-Based Probability of Area – A Terrain-based approach to POA Estimation.
- Incident Command System for Search & Rescue (with N Brewer & J Vickerson).
- Unifying Geographic Search Assignments – Unifying Area and Trail Search Protocols.
- Search & Rescue Post-Mission Reviews – Procedures and Benefits of SAR Reviews.
- Managing the Urban Search (Emergency Response Institute).
- The Rapid Response Rule – How much searching is enough?
- Planning Urban Search Assignments (Emergency Response Institute).
- Urban Geographic Search Types (Emergency Response Institute).
- Missing Person Behaviour Profiles (Emergency Response Institute).
- Child-Abduction Searches (Emergency Response Institute).
- Probability Density Profiles – A New Perspective on Subject Behaviour. April 2006.
- Walking the Tightrope - Managing Risk in SAR. August 2006.
- Creating Aircraft 'Crash Maps' - October 2007
- Optimizing Search Effort Allocation – April 2009
- Setting a 'Standard of Care' for Search Operations – August 2009

Search Management Instructor:

- Provincial Emergency Program - British Columbia, Canada.
- Emergency Response Institute - Washington State.
- Alaska State Troopers – Alaska.
- Oregon.
- Idaho.
- West Africa.
- New Zealand.

Senior Contributor:

'Search is an Emergency' Search Management Training Manual,
by the Emergency Response Institute. Olympia, Washington, USA.
