



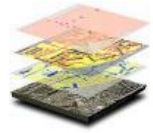
SAR Technology Inc.

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Curriculum Vitae of:

Martin John Colwell

Director:

- 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 & rescue theory and practice in British Columbia, Ontario, Quebec, Nova Scotia, Northwest Territories, Washington State, Idaho, Alaska, California, Wyoming, Washington DC 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.
- Emergency Response Institute - Washington State.
- Alaska State Troopers – Alaska.
- Oregon.
- Idaho.
- New Zealand

Senior Contributor:

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