

TH Nominee (Vacant)

NOTE: On January 13, Commission member Steve Taylor passed away. Steve brought experience, excellent advice, and common sense to our team. He also entertained us with his humor. We wish his family and friends our condolences.

Yukon Government and Tr'ondek Hwech'in will follow a consensus approach to appointment of a Tr'ondek Hwech'in nominee.

Chester Kelly

A Tr'ondek Hwech'in citizen currently living in Whitehorse, Mr. Kelly is an active community volunteer, with a focus on sports. Professionally, Chester is a retired Yukon Government, Transportation employee with experience in highway construction inspections, surveying, testing and traffic control. Chester currently works in the private sector on road construction projects.

Roger Ellis

A Tr'ondek Hwech'in Elder, Mr. Ellis worked for YG Lands Branch and was involved in the Land Application Review Committee and the Klondike Valley Plan. Roger has diverse experience with 35 years in drafting, mapping, land issues and land claims. Roger's volunteer activities have included Blood Ties and a Justice Steering Committee to look at the impact of the Residential School settlements on Elders and Elder abuse.

Government of Yukon nominees

Will Fellers

Born and raised in Dawson City, Mr. Fellers is an active placer miner in a family run operation in the Klondike. Will has served on District Renewable Resources Council and on the Klondike Placer Miners Association Board. Will is a Canadian Ranger and is an active outdoorsman. He and his family currently reside in Dawson City.

Bill Bowie

Mr Bowie is a long time Dawson business owner with a background in the forestry industry as well as having served multiple terms on municipal council. Bill has extensive volunteer and board/committee experience including having been a volunteer firefighter, Chamber of Commerce board member, and Dawson District Renewable Resources Council member.

Scott Casselman

Mr. Casselman is a registered professional geologist with 25 years of experience, having worked mostly in northern and western Canada, but including work in Turkey, Alaska, Indonesia and Argentina. Scott was a director of Yukon Chamber of Mines for a number of years and acted as President of the association in 2005 -06 and 2006-07. Scott was also on the Mineral Advisory Board, reporting to the Minister of Energy Mines and Resources, in 2005 -06 and 2006-07.

BIOGRAPHY

Jeff Hamm, Senior Planner Dawson Regional Planning Commission

Jeff Hamm is a planner and geographer with twenty-five years of professional experience in Yukon. Jeff has steered lots of elected officials, professionals, technical experts and public boards through complex strategic planning, resource development and plan implementation processes. As City Planner for Whitehorse, Jeff completed a Downtown Plan, rewrote the Zoning Bylaw, implemented policies for private land development and created a computerized system for management of land and infrastructure information. As Senior Planner with the Yukon Land Use Planning Council, he was a significant contributor to the successful completion of (the first) two land claim based regional land use plans in Yukon, and was the driving force behind development of the on-line Yukon Land Use Planning Atlas. In his present position as Senior Planner for the Dawson Regional Planning Commission, Jeff is preparing a regional land use plan for the Klondike region of Yukon. Current topics of interest include structured decision-making processes and travel (access) management strategies.

ABSTRACT

A Decision Framework for Evaluating Plan Alternatives

Jeff Hamm and Monica Krieger Dawson Regional Planning Commission

Commissions must weigh alternative planning approaches without the benefit of certainty about potential consequences. Simply, it is easier to describe how things are, than to predict how they will be in the future. A framework for comparing alternatives is required to ensure clarity about underlying assumptions and consistency in evaluation of outcomes. To achieve broadly acceptable and equitable outcomes, processes for comparing alternatives need to engage those who most directly bear the consequences. This paper reviews the current state of practice and introduces the Dawson Decision Framework (DDF) as a starting point for the design and evaluation of alternative planning strategies in the Dawson Planning Region.



compass
resource management



Energy



Water



Communities



Ecosystems



Juicy Stuff

Where good decisions happen



Profile: Tim Wilson, B. Eng., PGDES, PGDSD

Tim is an Associate at Compass Resource Management Ltd. in Vancouver, British Columbia, where he focuses on structured land use planning, conservation analyses and natural resource and energy management.

He facilitates Structured Decision Making and planning processes and supports them with geospatial analysis using GIS software, simulation and optimization models such as Marxan, Excel® dashboards and web technologies. Past and present clients include federal, provincial, regional, and municipal agencies, First Nations, ENGOs and corporations such as Google and Teck Resources.

Tim holds a Bachelor of Mechanical Engineering degree from McGill University, a post-graduate diploma in Environmental Science from Capilano University, and a post-graduate diploma in Software Development from Simon Fraser University.

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About Us

We're navigators and pathfinders at the edges of disciplines, sectors and worldviews - where decisions happen.

At Compass, we know decision making. We're engineers and scientists, economists and planners offering a full range of decision support services, problem solving tools and strategic analysis to help people make and implement creative, value-based decisions.

Our expertise is primarily in energy, water, ecosystems and communities, but the problems we work on inevitably span conventional boundaries - integrating across disciplines, sectors, jurisdictions and worldviews.

To every problem, we bring our unique blend of analytical rigor and people-sense. This blend has become the Compass trademark, helping groups and leaders make informed, value-based choices and action plans on four continents for nearly two decades. Though it all, we're committed to building relationships, organizational understanding and long term learning - in other words, to making you more able.

The Compass Difference

It's simple - an unwavering, laser-sharp focus on what it takes to make and implement good decisions.

Clear objectives, creative alternatives, targeted analysis. An open exploration of uncertainty and what it means for decision makers. Thoughtful deliberations and frank conversations about tough trade-offs. Action plans that work.

Yes, we're decision analysts, but our feet are firmly planted in the real world. That means we take the very best in analytical tools and practices, combine it with a strong dose of common sense and a passion for real human interaction, and apply it all to turn a tangled mess of facts and figures, people and possibilities, into clear actionable options and choices.

What We Do

When we say "decisions" and Compass, we don't just mean planning and talk.

We mean everything from problem structuring (what decision needs to be made, who needs to be involved, what information is needed?) to complex analysis of difficult choices (which technology or plan is best?) to on-ground implementation (action plans, ownership strategies and real bricks-and-mortar projects). We're not content with reports. We want to see action.



And our experience with implementation makes us better analysts. On any given project, we can play a variety of roles:

Honest Brokers - We help people involved in contentious, high-stakes problems work together to evaluate and reach agreement on creative solutions. Skilled analysts and facilitators, we have no agenda other than making sure people make informed choices using rigorous, transparent and defensible practices.

Strategists - In our core practice areas, we know the business. We understand the resources, the technologies, the policy context. Outside our core areas, we help you look at old problems in new ways, relying on our decision analysis roots to tell us which lines of inquiry and analysis are likely to be productive. Either way, we help you design state of the art policies and plans that meet multiple objectives, are robust to key uncertainties, and respond to stakeholder concerns.

Implementers - We do what it takes to turn great ideas into change we can see and feel and measure, with action plans that take technical, management and political realities into account.

Enablers - We help capable, dedicated people reach higher than they could alone. We provide training and mentoring to help them improve management and decision making capacity over time.

Explorers - Ever searching for better solutions, we work with some of the world's best researchers to figure out how to make new ideas work in real-world settings.

What We Believe

Our greatest power is the power to choose.

This is the part where we get to climb up on the soap-box.

We believe in conscious choice. It's what makes us human. The act of choosing calls on us to use both our powers of reason - to identify the potential consequences of actions - and our powers of dialogue - to think and talk about what matters and agree on what's "best". We live in a world chock full of opportunities and challenges related to science, technology, society and sustainability. How well we meet and navigate them will depend on a whole host of choices we have yet to make. We believe Compass has a role to play in helping people make those choices well.

We believe that making these choices is both a right and a responsibility. We believe that people should not only be invited to participate in decision making processes but that people must accept this invitation. We believe that there is no longer room for blind devotion, shoulder shrugging or leaving the decision-making to people with long strings of letters after



their names. We are all on the proverbial bus together. We need to care where it's going and help to steer it.

Services

We're analysts and facilitators, helping people talk and think their way through tough terrain.

We work with governments, communities, corporations and organizations on projects with multiple dimensions and high stakes. We offer a full range of decision-support services, problem-solving tools and strategic analysis to help leaders make and implement smarter decisions, plans and strategies.

Our commitment to better decision making extends beyond any one decision. We offer mentoring and training opportunities for people and organizations who want to "raise the bar" for decision quality and make systemic changes to how they make choices.

Structured Decision Making (SDM)

SDM brings innovative methods from the decision sciences into the real world.

Compass is recognized worldwide for both developing the methods and applying them to the messy, multi-stakeholder world of environmental and resource management.

Structured decision making, or SDM, is an organized approach to developing and evaluating creative alternatives and making defensible choices. It's particularly useful for helping groups work productively together on decisions marked by technical uncertainty and controversial trade-offs. At the core of SDM is the idea that it is possible and necessary to create a deliberative environment that deals rigorously with both facts and values in decision making.

Structured decision making involves:

- clearly defining the problem and the decision to be made;
- setting clear objectives and measures of performance;
- developing a range of creative alternatives;
- evaluating the performance of the alternatives and identifying key trade-offs;
- assessing risk and uncertainty and the implications for the decision;
- understanding the values of the people and organizations affected by the decision - the importance they assign to different kinds of outcomes; and
- making explicit and transparent choices

We use a variety of tools and techniques to help clients structure decisions, develop and evaluate alternatives, and elicit the preferences of different stakeholders and decision makers.



For more information on our SDM tools and techniques, please visit our SDM website-
<http://www.structureddecisionmaking.org/>

Project Management

When you have a complex project requiring many different competencies you need a single point of contact.

Compass provides the leadership to build and guide teams of professionals from a range of disciplines. Whether you need a technical team to conduct economic, environmental and social impact assessments, or an implementation team of engineers, investors, and developers to get a project up and running, we can help you scope out the project needs and develop practical work plans. We work with you to understand your goals and constraints, and we understand that complex projects evolve and so will your needs. As in everything else we do, Compass brings a unique blend of leadership, management know-how, analytical rigor, and interpersonal skills to help you make your project a success.

Modeling & Analysis

It's tough to make predictions, especially about the future.

We think Yogi Berra was on to something. And making predictions is even more complicated when information comes from different sources with different levels of quality. At Compass we integrate multiple sources of data and knowledge to help people build a shared understanding of the range of possible outcomes that could result from various actions.

We work with clients to design and build custom models, both conceptual and quantitative, to examine the consequences of potential actions. Our goal is for models to be as simple as possible, and no simpler. To be intuitive, interactive and informative to decision makers. We use a variety of general tools to construct customized models, rather than fitting problems to pre-existing solutions or packages. We routinely employ advanced techniques and applications in Microsoft Excel, Palisade @Risk, ESRI GIS, to name a few.

Policy & Regulation

There are growing expectations for quality, consistency and transparency in public and regulatory decisions.

Defensible public policy and decision making requires sound information about and careful attention to both science and values. Science plays a critical but bounded role: it will inform but never make decisions. Decision making is fundamentally based on values.



We've helped decision makers in many different sectors - energy, water, forestry, fisheries, wildlife, air, contaminants, and technology, to name a few - develop and evaluate innovative policies and regulations. Critically, we know how to engage the public, key stakeholder groups and First Nations in meaningful consultation and how to have a dialogue about values that produces results you can use to develop defensible public policy. We also know how to work with expert panels and deal with phenomenon of "dueling experts" - including scientific experts as well as other knowledge holders. We know what constitutes best practice in developing and evaluating public policy, and have advised and acted as reviewers in regulatory review processes.

Business Cases

Decision makers want a rock solid understanding of both the financial and non-financial costs, benefits and risks.

We have expertise in all forms of financial and economic analysis for both private and public sector clients. In addition to conventional approaches, our tool kit includes life cycle analysis, triple bottom line analysis, social cost-benefit analysis, socio-economic analysis, and non-market evaluation. But we don't much like jargon. We focus on the tools required to demonstrate the best course of action in a particular management context, not the latest management or analysis fad.

Our greatest strength is our ability to integrate financial and economic information with other considerations such as non-monetary impacts, distributional impacts, and public values. We have also applied a wide range of tools for dealing with risk and uncertainty in financial and economic analyses, including sensitivity analysis, scenario analysis, simulation modeling, and decision tree modeling.

Practice Areas

We're go-to people for decision makers in energy, water, ecosystems and communities.

Our team is well recognized for our depth of sector-specific expertise in each of these areas. We know the terrain, the tools, the policy and regulatory context, the people that matter - and they know us.

We also make space for applying our craft to what we affectionately call "Juicy Stuff" - complex, meaty problems that defy conventional definitions and boundaries, and profoundly shape the world we live in. They benefit from a fresh look and critical thinking inspired by the art and science of decision analysis.



Energy

Compass has worked in virtually every facet of the energy industry - from production to delivery and end-use.

And we have worked with virtually all stakeholders in the energy industry - from policy makers and regulators to utilities and communities. We have advised on energy-related policy, regulation, plans, technology assessment, infrastructure development, and business plans. In recent years, Compass has become a leader in community energy planning and district energy systems. We have developed plans, led feasibility studies and supported implementation of dozens of district energy systems in communities throughout the Canada and the U.S. We have recently extended this experience to the assessment and development of other types of neighborhood-scale green infrastructure, including shared water, wastewater and electric systems.

Water

Water is arguably the world's most precious natural resource.

In some regions, management priorities are driven by pressing water shortages and allocation issues; in others, by environmental degradation or rising management costs. In any context, the intensity of stakeholder values about water and how we use it virtually guarantees a high level of public scrutiny.

Compass has worked in all aspects of water management from water allocation, watershed planning and drinking water source protection to liquid waste management and fish habitat protection. We have brought innovative decision making methods to multi-stakeholder groups involved in collaborative planning processes and to technical working groups charged with the application of science to management decisions. We have developed innovative economic and regulatory instruments and conducted detailed economic and environmental analysis of drinking water supply and demand options, waste treatment and reduction options, and flow management options on regulated rivers.

It is because of water, more than any other natural resource, that we've become committed to leveling the playing field. That is, to making sure that complex technical analysis is accessible and understandable to everyday people, and that they have an opportunity to participate in decisions they care about.



Communities

Communities are at the nexus of today's most complex social, environmental and economic challenges.

Communities are leaders in finding lasting solutions and pursuing new opportunities. Compass's presence in communities has been growing in recent years as municipal planners and leaders grapple with rapid growth, aging infrastructure and growing public expectations for urban sustainability. Much of our current practice involves working with municipal utilities - energy, water and wastewater utilities - to identify and evaluate new service and technology options, develop progressive rate structures, and select strategies for owning and operating new facilities or businesses. In recent years, we have developed expertise in the design, feasibility assessment and implementation of district energy systems and eco-districts. But we're always looking for new ways to help communities develop more robust and sustainable infrastructure.

Compass was among the early pioneers of community energy planning. As climate challenges grow, we continue to play a role in helping communities develop energy and emission reduction plans, as well as climate change adaptation plans. We also work with communities on water management challenges. We've brought innovative analytical and stakeholder-based decision methods to the evaluation of drinking water supply and demand management options, aquifer management plans, watershed management plans, and water allocation and use plans.

Ecosystems

Fish and wildlife and the ecosystems they live in make up a vital component of the economy and culture.

They provide natural resources for industry, recreation opportunities, heritage and resource-use values to aboriginal communities and ecosystem services including air and water purification, nutrient cycling and wildlife habitat.

Challenges include the need to plan for complex ecosystem processes over long time horizons, to understand the role and scope of natural disturbances like fire, to manage cumulative effects and to balance competing demands. The development of land, fish or wildlife management plans often spark intense community interest, elevating the need to effectively engage stakeholders and integrate science, traditional knowledge and values in the planning process.

We've guided clients who need to balance economic, recreational and social interests, protect ecosystems and, in developing countries, provide basic human needs for food and fuel. Our work may involve managing biodiversity, developing recovery plans for specific species, managing multi-objective planning projects that involve endangered species and, more



broadly, interpreting legislation and government policy for managing resources and species at risk.

Juicy Stuff

This is where we apply our passion for exploring uncharted territory.

If the work is meaningful, we want in. If it's tricky, we want in. And if it's both, we definitely want in.

Recent challenges we have taken on include plant biosecurity in Australia and the fate of hydrocarbons in the Gulf of Mexico. We're not subject matter experts in these areas. But we're used to that. Clients hire us for our ability to ask tough questions, penetrate the clutter, carve up complex problems into manageable pieces, and get people working together and moving forward.

More information about our work on plant biosecurity in Australia can be found on our website

http://www.compassrm.com/feature_projects/juicy_stuff_projects/left_nav_articles37.php



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