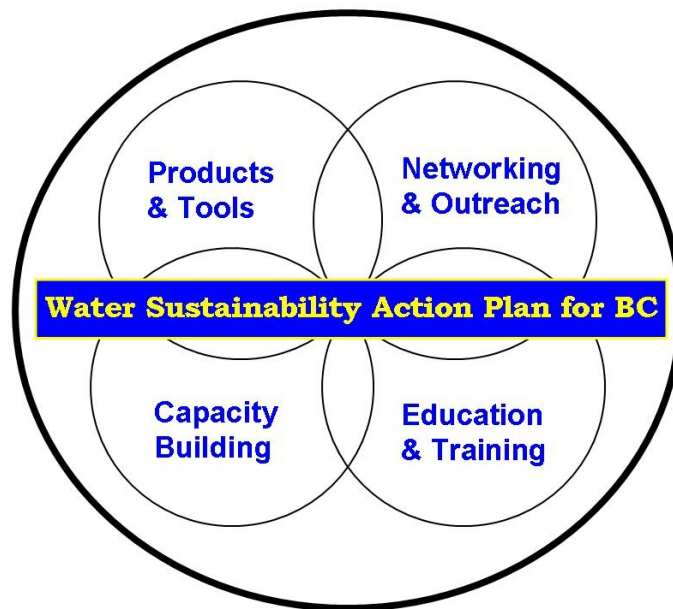




**the partnership  
for water sustainability in bc**

# 2013 Annual Report



**December 2013**

Adopted at the Annual General Meeting held at 12:00pm on December 3, 2013  
and held at the Radisson Hotel, Richmond, BC

# Partnership for Water Sustainability in British Columbia

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2013 Annual Report



## President's Perspective

### A Long-Term Commitment

At the time of this 2013 Annual Meeting, the Partnership for Water Sustainability in British Columbia (PWS) commences its fourth year of operations. Our work continues to build on the efforts of many collaborators who, for more than six years prior to the founding of the PWS, have remained committed to advancing water sustainability planning and implementation in British Columbia.

This group includes the PWS Leadership Team, a number of long-time advisors, as well as numerous practitioners (planners, engineers, executive officers, developers, conservation and stewardships folks and many others) who work in local government settings. Our thanks go out to all of them.

We are in for the long haul. Watersheds are fundamental to our settlements. By working to balance watershed health with settlement prosperity, communities can sustain their well-being. PWS established its *Convening for Action in British Columbia* initiative to support communities to understand this equation and move to implementation.

### Tools and Initiatives

Looking ahead, our convening for action strategy will continue to pursue several objectives. Each of these requires the integration of the efforts of practitioners - including provincial government ministries, local government, and those practitioners whose work impacts use and conservation of land. PWS offers support through the following undertakings:

- Convening for action initiatives in the regions of Vancouver Island and other Georgia Basin locales.
- The Inter-Regional Education initiative on Vancouver Island and Metro Vancouver.
- Continued development and implementation of practitioner tools developed by PWS and its collaborators. These are the Water Balance Model, the Water Balance Model Express for Landowners, the Agricultural Water Demand Model, the Water Conservation Calculator, and the Waterbucket.ca website.
- Beyond the Guidebook Primer Series – the primers add depth to *Stormwater Planning: A Guidebook for British Columbia* (2002), which marked BC as the first provincial or state government in North America to adopt the Water Balance Methodology.

More information is available in the “Selection of Initiatives and Tools” page at the end of the Annual Report.

# Partnership for Water Sustainability in British Columbia

2013 Annual Report

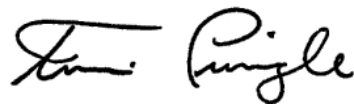
## Vancouver Island 2065

PWS will embark on a new project this year. It is the **Vancouver Island 2065** initiative which is taking shape under the collaborative leadership of PWS, Vancouver Island Economic Alliance and Royal Roads University. Through Vancouver Island 2065, we intend to attract and secure cross-sectoral support for the designing with nature strategies that result in settlement change in balance with economy and ecology.

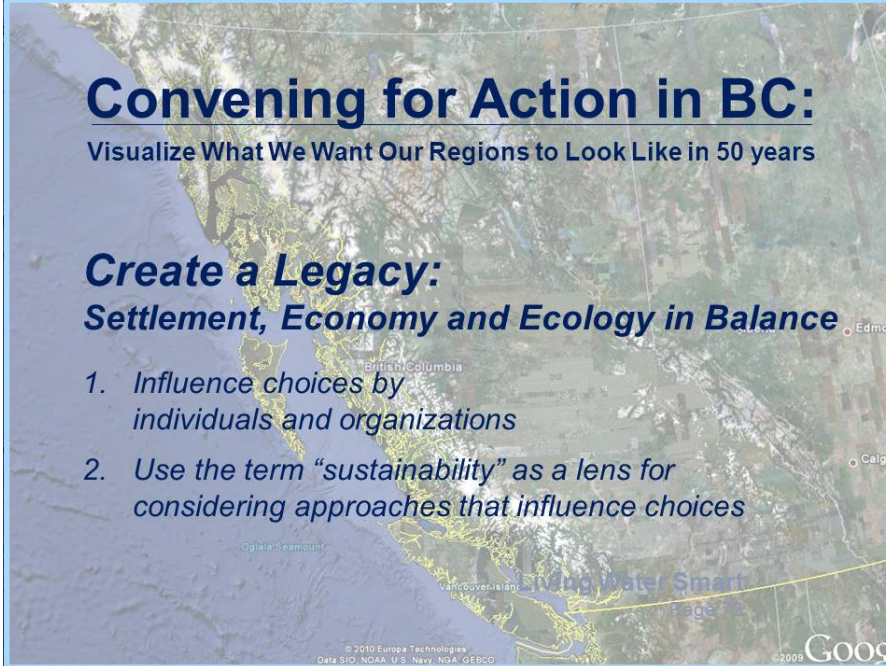
## The Partnership's Leadership Team

The work of PWS is possible only because of the dedication of many volunteers, the Leadership Team, and the work of Kim Stephens, our partially-paid Executive Director.

The Leadership Team members are Richard Boase, Eric Bonham, Glen Brown, Raymond Fung, Peter Law, Tim Pringle, Kim Stephens, Mike Tanner, Derek Richmond, Ted van der Gulik and John Finnie. PWS thanks each of them.



Tim Pringle  
President  
Partnership for Water Sustainability  
December 2013



**Convening for Action in BC:**  
Visualize What We Want Our Regions to Look Like in 50 years

**Create a Legacy:**  
**Settlement, Economy and Ecology in Balance**

1. Influence choices by individuals and organizations
2. Use the term "sustainability" as a lens for considering approaches that influence choices

Living Water Smart  
Page 77

© 2010 Europa Technologies  
Data SIO, NOAA, U.S. Navy, NGA, GEBCO  
© 2009 Google

# Partnership for Water Sustainability in British Columbia

2013 Annual Report



## Report from the Executive Director

The Partnership is incorporated as a not-for-profit society under the Societies Act of BC. It has two principal sources of income: grants and Water Balance Model annual subscription fees. The Partnership relies on the substantial in-kind contributions by members and partner organizations to develop tools and deliver programs.

The Partnership is initiative-oriented and has minimal overhead expenses. Also, revenue and expenses are tracked by initiative or project.

In addition to our general account, the Partnership has initiated funding for five projects and/or initiatives that are tracked under the Financial Accounting System. For the fiscal year ending on August 31, 2013 the revenue and expenses for each project or initiative are tabulated below:

	REVENUE	EXPENSES	BALANCE FOR FISCAL YEAR
General Account	\$6,060.38	\$3710.44	\$2,349.56
Water Balance Model	\$84,200.82	\$42,477.27	41,723.55
Convening for Action in BC	\$61,000.00	\$41,524.24	\$19,475.76
Waterbucket.ca Website	\$0.00	710.74	(\$710.74)
Ag Water Demand Model	\$76,142.86	\$83,297.38	(\$7154.52)
Water Conservation Calculator	\$10,000	\$320.45	\$9,679.55

The bank balance of the society carried forward from Fiscal 2013 into Fiscal 2014 is \$239,985.67. The bank balance has increased because of funding received for all of the projects. However, most of this funding is committed through established work plans for all of the five projects listed. Contracts supporting the work plans will be implemented in fiscal 2013-2014 and it is expected that the bank balance will be drawn down during that period.

*Footnote to the Financial Statement: The Executive Director is engaged by the society under two or more contracts to develop and deliver the society's outreach and education program.*



Kim A. Stephens,  
Executive Director  
Partnership for Water Sustainability in BC  
December 2013



## Report from the Membership Chair

The graphic below represents the "Membership funnel" where the Board encourages "inclusivity" of all stakeholders in water sustainability, from those non-paying members at the top of the funnel, to the paying members who play an active role in developing tools and educational materials, to Board members who set direction for the society.

The Partnership's three categories of membership, the associated annual fees, and voting privileges (or not) are listed as follows:

1. **Individual** – free (non-voting)
2. **Professional** – \$100 per year (voting)
3. **Organization** (corporate) – \$250 year (voting)



**INDIVIDUAL:** Anyone can become a non-voting member. All they need to do is go to [waterbucket.ca](http://waterbucket.ca) and register online. Members in this category have unencumbered permission to make use of information resources and guidance documents published by the Partnership. Currently, over 200 individuals have signed up since September 2012.

**PROFESSIONAL:** The *Professional* category recognizes that there may be individuals who wish to become proactively involved in Partnership activities, yet do so independently of an organizational constraint. To date we have 10 members in this category who make up the Partnership's leadership team.

**ORGANIZATION:** The *Organization* category encompasses Water Balance Model (WBM) Partners and Subscribers. Currently, 17 local governments are sustaining WBM Partners; and 6 engineering firms are WBM Subscribers (i.e. on a year-to-year renewal basis).

The WBM is an important tool for practitioners in understanding "how" to **design with nature**. The Partnership for Water Sustainability will continue to invest time and energy in the WBM, to ensure its long-term sustainability.

While the Partnership is a not-for-profit society, our voting members mostly represent local governments. Hence, their demonstrated commitment to achieving a shared vision for water sustainability in a local government setting is vitally important to the Partnership's capability to carry out our mission



# Partnership for Water Sustainability in British Columbia

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## 2013 Annual Report

*In addition to the three categories of membership described on the previous page, the Partnership has **Champion Supporters**.*

**CHAMPION SUPPORTERS:** This designation allows the Partnership to formally recognize agencies and organizations that provide substantial financial and/or in-kind support that in turn enables the Partnership to develop tools and deliver programs under the umbrella of *the Water Sustainability Action Plan for British Columbia*.

Recognition of an organization as a Champion Supported creates the opportunity for the Partnership to provide Boards and Councils with a third party perspective about the leadership and good work of their staffs.

In 2013 the Partnership made presentations to the Metro Vancouver and Cowichan Valley Regional Boards and to District of North Vancouver and City of Surrey Councils to present each with a framed "letter of recognition".

The Champion Supporter designation also allows the Partnership to recognize the commitment of individuals who make exceptional contributions to the success of the Partnership.

Stories about the Champion Supporters are posted on the waterbucket.ca website at:  
<http://waterbucket.ca/cfa/category/partnership-for-water-sustainability-in-bc/champion-supporters/>

## Elections to the Board

At the 2013 Annual General Meeting, there will be an election of members to fill six (6) Director positions on the PWS Board. *Professional* members, who have submitted a notice for nomination, are posted on the next page. Directors are elected for a 3-year term. In 2013, pending the Board's approval, two Directors will be elected each year such that the election of members to the PWS Board will be an annual event. Stay tuned for more in 2014.

*Peter Law  
Membership Chair  
Partnership for Water Sustainability  
December 2013*

# Partnership for Water Sustainability in British Columbia

2013 Annual Report

## Nominees for 2014 Board of Directors (6 positions)



**RICHARD BOASE** is the District of North Vancouver’s Environmental Protection Officer. Richard is also Co-Chair of the Water Balance Model initiative. “Getting involved in the Partnership was simply the right thing to do,” reflects Richard. “This belief is what drives my personal commitment to fulfilling my own ecological and sustainable vision. Our water is the most precious commodity on the planet. Through the Partnership, I saw a way of contributing and making a difference to sustain this resource, which is a right for all, in a way that appealed to me immensely.”



**PETER LAW** retired from the Ministry of Environment after 33 years of service. Peter Law chaired the inter-governmental steering committee that was responsible for *Stormwater Planning: A Guidebook for British Columbia*, released in 2002. “The Guidebook is standing the test of time because the foundation material is science-based. And now the Partnership is going ‘Beyond the Guidebook’ to provide local governments and others with the tools and understanding necessary to integrate the Site with the Watershed and the Stream,” says Peter.



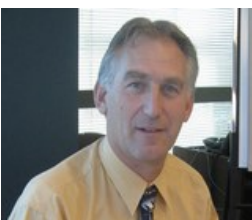
**TIM PRINGLE** was the founding Executive Director of the Real Estate Foundation of BC, and served in that capacity for 20 years. “A number of creative and experienced volunteers direct the work of the Partnership and help implement its programs,” says Tim. “I am privileged to work with them and to be able to pursue my passion to see BC communities adopt a more integrated approach to stewardship of land and water. The Partnership’s goal is to help communities implement designing with nature strategies as a basic step to managing settlement change in balance with ecology makes perfect sense.”



**DEREK RICHMOND** recently retired from the City of Courtenay. He has served as Chair of CAVI-Convening for Action on Vancouver Island since 2011. “My passion for water resources and the environment has been with me from an early age. As a practitioner with more than 40 years in engineering and environmental issues, I am fortunate to have been involved in a wide variety of projects and initiatives across Canada, and in the USA and the UK. I see an opportunity to apply experience gained during my career to the visioning that will help steer us in the right direction to maintain water resources in balance with ecology, economy and education,” says Derek.



**MIKE TANNER** is Chair of the Waterbucket Website. He retired as a Senior Manager with BC Hydro’s Power Smart Program. “Recognizing a need for a single point of access to news, information and tools for sustainable water management in BC, we launched the waterbucket.ca website in 2005,” says Mike. “By providing universal access to information, we believe we will continue to see ever-improving standards of practice in all aspects of land development and water resource management.”



**TED VAN DER GULIK** is chair of the Water Balance Model initiative and is also leading the Agriculture Water Demand Project initiative for the Province. In 2014, he will retire from the Ministry of Agriculture after 35 years of service as the Senior Engineer in the Sustainable Agriculture Management Branch in Abbotsford. “The Water Balance Model was the driving force behind the formation of the Partnership and continues to provide a strong link to the other projects that have been initiated,” says Ted.

# Partnership for Water Sustainability in British Columbia

2013 Annual Report

## A Selection of Initiatives and Tools

<p><b>Convening for Action in BC</b></p> <p><a href="http://www.conveningforaction.ca">www.conveningforaction.ca</a></p>	<p>This is the ‘convening for action’ mantra: <i>When we gather; it is for a purpose. There must be an action item or an outcome.</i> Committed to achieving settlement in balance with ecology and economy, the grass-roots collective partnership approach is founded upon collaboration. It reaches across boundaries. It brings together those who plan and regulate land use (local government) those who build (developers) and those who provide the legislative framework (the Province).</p> <p>This collaborative model results in the provision of expertise and support to local governments and organizations with a focus on achieving water sustainability through the sharing of ideas and success stories based upon a common vision.</p>
<p><b>Georgia Basin Inter-Regional Education Initiative</b></p> <p><a href="http://www.vancouverislandwater.ca">www.vancouverislandwater.ca</a></p>	<p>Launched in 2012, the <i>Inter-Regional Educational Initiative for ‘Rainwater Management in a Watershed Sustainability Context’</i> provides the framework for consistent messaging and consistent application of tools and understanding. The ‘proof of approach’ was successfully implemented in 2012 on Vancouver Island.</p> <p>Now, the Metro Vancouver region and four largest Vancouver Island regional districts are collaborating to advance elements of a performance monitoring framework that can be used to adjust actions and inform land use planning that maintains healthy streams.</p>
<p><b>Beyond the Guidebook Primer Series</b></p>	<p>With release of <i>Stormwater Planning: A Guidebook for British Columbia</i> in 2002, BC was the first province or state in North America to adopt the Water Balance Methodology. This enables local governments to establish performance targets for land use. The goal is to protect watershed and stream health.</p> <p>The “Beyond the Guidebook Primer Series” is adding depth to specific aspects of the Guidebook. The goal is to inform and educate infrastructure, land use and environmental professionals about core concepts related to implementing actions at the site scale that will achieve desired outcomes at the watershed scale.</p>
<p><b>Water Balance Model for BC</b></p> <p><a href="http://www.waterbalance.ca">www.waterbalance.ca</a></p>	<p>Developed in 2003 as an extension of <i>Stormwater Planning: A Guidebook for BC</i>, the <i>Water Balance Model</i> is a web-based tool for doing scenario comparisons. It links the site to the watershed and stream. It helps communities establish performance targets and ‘design with nature’ so that land development mimics the water balance. The model is tailored to multiple levels of users who have a wide range of technical backgrounds, from hydrology experts to stewardship groups.</p>
<p><b>Waterbucket Website</b></p> <p><a href="http://www.waterbucket.ca">www.waterbucket.ca</a></p>	<p>Recognizing a need for a single point of access to news, information and tools for sustainable water management in BC, the waterbucket.ca website was launched in 2005. The site supports an array of virtual “communities of interest” with features that resemble those of a real community as well as a growing library of information resources on the BC experience and it houses “Made in BC” tools and experience.</p>
<p><b>Water Conservation Calculator</b></p> <p><a href="http://www.waterconservationcalculator.ca">www.waterconservationcalculator.ca</a></p>	<p>Designed for use by small to mid-size communities, the <i>Water Conservation Calculator</i> is a free, web-based decision-support tool. It is used to illustrate how specific water conservation measures can yield both fiscal and physical water savings for communities. It can be used to assist communities in meeting the conditional requirements of provincial capital grant programs while meeting both local and provincial commitments to water sustainability.</p>