

Blue Stream Task Force



Status & Environmental
Committee Task Leaders
Meeting Aug.24, 2016



Workshop Items

Quick review of our accomplishments

- Ground Water Research and Agreements
- Logo Development
- Surface Water Institute as Christian Brothers University
- Education Component Developed



Workshop Items

Education Component

Implementing the first element through CBU
Developing a Water Resources Conference
Launching a Website / Newsletter

Participating in Comprehensive Planning Effort

Office of Planning and Development

Resources for the Future

Benchmarking with other similar programs

Schedule for Action



Implementing the Program

Education Component

CBU as a training institution for
existing and future professionals and technicians
elementary through high school
government and political officials
general public
media

Begin a recurring Regional Water Resources Conference
Set future tasks and goals to implement



Implementing the Program

Education Component

Launch a website/newsletter

Design and host the website

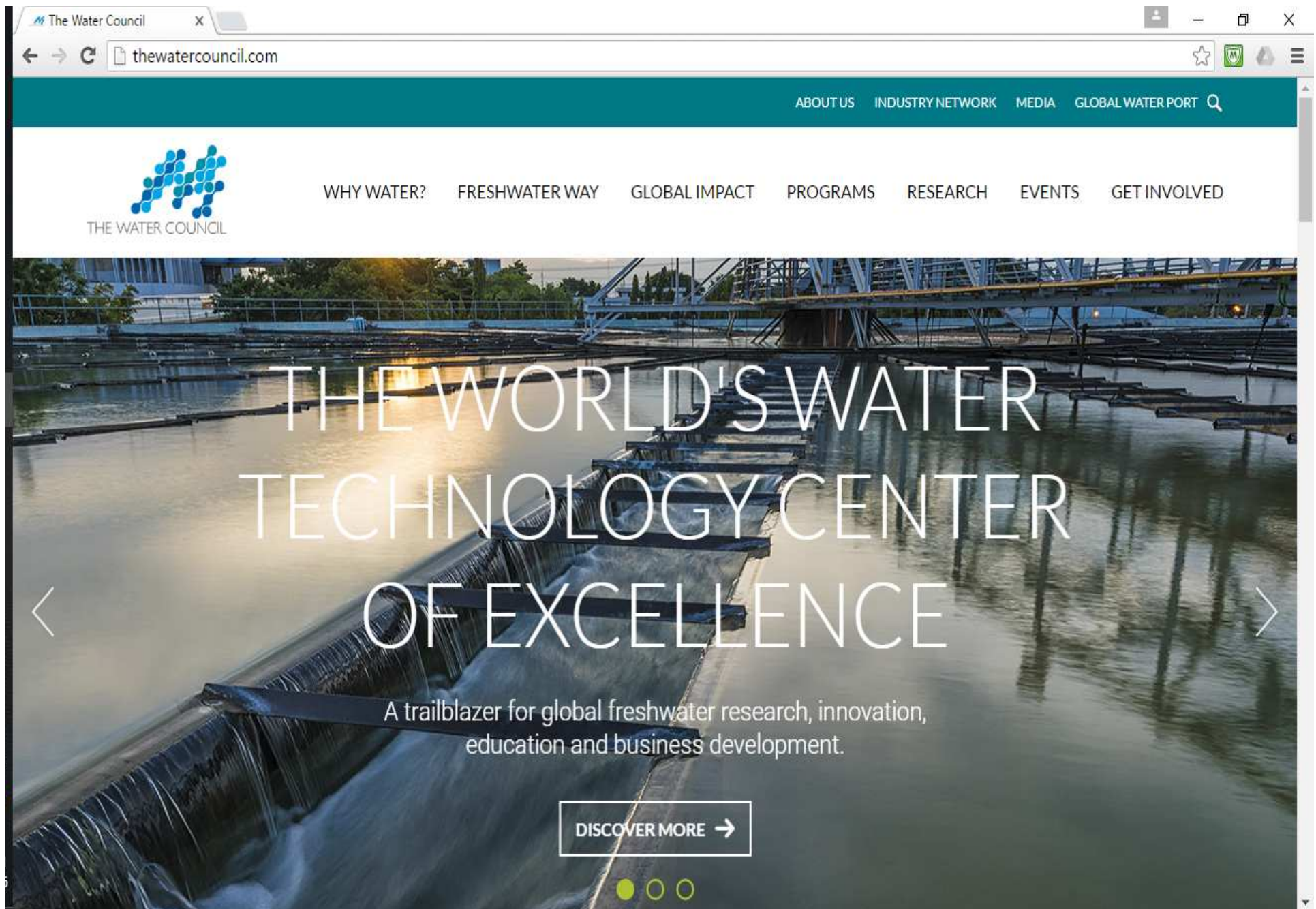


Implementing the Program

Education Component

Launch a website/newsletter

<http://thewatercouncil.com/>



Blue Stream Task Force

August 24, 2016



Source: Global Risks 2015 report, World Economic Forum
Water stress in the developing world affects all aspects of society including education and economic development.

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79% OF U.S. COMPANIES CURRENTLY
FACE WATER CHALLENGES.

Source: 2014 study by the Blue Stream Task Force
The need for water solutions is evident in urban centers like Los Angeles, California

"THE LACK OF ACCESS TO WATER CAN FUEL




"THE LACK OF ACCESS TO WATER CAN FUEL
CONFLICT AND EVEN THREATEN PEACE."

— Jan Eliasson, Deputy Secretary-General of the United Nations

Source: "Water Crisis Drying Socks," *Hydro-Empire*, *National Geographic*, *Bloomberg Businessweek*.
Increased water scarcity strains the traditional way of life for people throughout the Arabian and Syrian desert regions.

us10.campaign-archive1.com/?u=31b58fbd30da67e14ba1641d78&id=98e4f8ecb0

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The Water Council Tide / July 2016

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UPCOMING EVENTS

Bubbler Coffee Session
July 21

—

Professional Sales
Program
August 24-26

—

3rd Quarter Member

MEMBER SUCCESSES

New Membership Structure in the Works

The Water Council is working to restructure its membership to improve access to ideas and IP, while enhancing engagement for water tech companies of all sizes. [Learn More](#)

ITU AbsorbTech named Business of the Year

Waukesha County Business Alliance named the New Berlin-

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DRAFT

BLUE STREAM TASK FORCE
of the
GREATER MEMPHIS REGION
Presents

MEMPHIS WATER
An Oasis in a thirsty world .

Welcome and Introductions

Honorable Jim Strickland, Mayor
City of Memphis

Opening Remarks

Hugh Teaford, BSTF Coordinator

ECONOMIC ISSUES

ENVIRONMENTAL ISSUES

TRANSPORTATION ISSUES

Moderator
Mark Herbison

Moderator
Paul Schmidt

Moderator
Dan Pallme

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ECONOMIC ISSUES

Moderator
Mark Herbison

Blue Economy and Branding
Jerry Collins

New Water Based Industry
Tom Volinchak

Big River Strategic Initiative
McVean

Water Resources' Place in
Comprehensive Planning
John Zeanah

ENVIRONMENTAL ISSUES

Moderator
Paul Schmidt

Ground Water
USGS/Uof Memphis

Surface Water
CBU/TDEC

EDUCATION STRAGETY
Clean Memphis

Agriculture and Water
Agri Center

Wolf River Conservancy
Keith Cole

Wrap up Panel

Phil Coop

TRANSPORTATION ISSUES

Moderator
Dan Pallme

Inland Ports in the US
Informa

Infrastructure to Support
Industrial Development
Mayor Dickie Kenmore

Mississippi River Levees
St. Francis Levee Board

Wastewater and Storm water
Program
Robert Knecht



Implementing the Program

Participating in Comprehensive Planning Effort

Office of Planning and Development to lead

Liaison with the planning process

Members in our Task Force

Develop position papers/provide member support



Implementing the Program

Resources for the Future

Benchmarking with a similar program

The Water Council

Identified by BSTF research

Have had direct contact with them

Resource Data is available on their website


Financial Data is available 501 c(3) entity

Income


	Dues		\$ 274,346		
	Govt Grants		\$ 408,611		
	All Other		\$ 932,371		
	TOTAL			\$ 682,957	
	Sales/Service				
		Programs	\$ 163,109		
		Meeting Register	\$ 66,425		
		Other	\$ 8,400	\$ 237,934	
	Investment		\$ 676	\$ 676	
	Rental		\$ 549,027		
	Less Rental Exp		\$ 285,606		
	Rental Income		\$ 263,421	\$ 263,421	
	MISC REVENUE		\$ 2,112	\$ 2,112	
	TOTAL REVENUE			\$ 1,187,100	\$ 1,187,100

Compensation				
	Officers, key employ	\$	149,940	
	Salary Others	\$	246,614	
			\$	396,554
Employee Expenses				
	Employee Benefits	\$	17,401	
	Payroll Taxes	\$	33,264	
			\$	50,665
Personnel Costs				\$ 447,219
	Legal	\$	3,876	
	Accounting	\$	22,201	
	Mgmt. Contracts	\$	55,729	
	Advertising	\$	107,085	
	Office Exp	\$	33,523	
	insurance	\$	930	
	Misc. Exp	\$	13,046	
	Other Exp	\$	6,588	
	Travel	\$	30,999	
Management			\$	273,977
				\$ 273,977
				\$ 721,196

Services				
	Service Exp	\$	408,371	
	Conferences exp	\$	108,616	
			\$	516,987
Grants				
	Grant Expenses	\$	63,575	
	To Organizations	\$	235,000	
	to Others	\$	40,000	
			\$	338,575
Products Produced				
	Product Expenses	\$	30,321	
	Depreciation	\$	39,809	
	Interest	\$	179	
			\$	70,309
				\$ 925,871



TOTAL REVENUE			\$ 1,187,100
Personnel Costs	\$ 447,219		
Management	\$ 273,977		
Total Recurring Costs		\$ 721,196	
Service, Grants, & Contracts		\$ 925,871	
TOTAL EXPENSES			\$ 1,647,067
Profit /Loss			\$ (459,967)



Participants	75	
Hourly Rate	\$ 33.33	
O/H Multiplier	3	
Effective Rate per Hr.	\$ 100.00	
Level of Effort Hrs./year		
less than 2 hr. / week	100	
Value /participant/yr.	<u>\$ 10,000.00</u>	
Total Value of Effort		\$ 750,000.00



Implementing the Program

Schedule for Action


When to engage the entire Environmental Committee

Set Task goals and work items

Implementing the Program

Schedule for Action

Function				
Planning and Adm	City of Memphis	BSTF ?	Other 501 c(3)	
Ground Water	MLGW	Univ of Memphis	USGS	
Surface Water Institute	CBU	COE	Weather Bureau	Univ of Memphis
Education	CBU	City of Memphis	Univ of Memphis	
Marketing	Chamber of Commerce	Tn Econ Dev		
Navigation	City of Memphis	Port of Memphis	COE	



Function				
Planning and Adm	City of Memphis	BSTF ?	Other 501 c(3)	
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Implementing the Program

Schedule for Action

Function						2016	2017	2018	2019	2020
Planning and Adm	City of Memphis	BSTF ?	Other 501 c(3)							
Ground Water	MLGW	Univ of Memphis	USGS							
Surface Water Institute	CBU	COE	Weather Bureau	Univ of Memphis						
Education	CBU	City of Memphis	Univ of Memphis							
Marketing	Chamber of Commerce	Tn Econ Dev				TBD				
Navigation	City of Memphis	Port of Memphis	COE			TBD				



END



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