

**COMMITTEE ON NATURAL RESOURCES**  
**113<sup>th</sup> Congress Disclosure Form**  
**As required by and provided for in House Rule XI, clause 2(g) and**  
**the Rules of the Committee on Natural Resources**

*10/29/13 Oversight Hearing on*  
*“A Roadmap for Increasing our Water and Hydropower Supplies: The Need for New and Expanded Multi-Purpose Surface Storage Facilities”*

For Individuals:

1. Name: Robert Shibatani
2. Address: [Information redacted for privacy]
3. Email Address: [Information redacted for privacy]
4. Phone Number: [Information redacted for privacy]

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For Witnesses Representing Organizations:

1. Name: Robert Shibatani
2. Name of Organization(s) You are Representing at the Hearing: The SHIBATANI GROUP, Inc.
3. Business Address: [Information redacted for privacy]
4. Business Email Address: [Information redacted for privacy]
5. Business Phone Number: [Information redacted for privacy]

## For all Witnesses

Name/Organization\_\_**Robert Shibatani/The SHIBATANI GROUP Inc.**

Title/Date of Hearing\_\_**10/29/13 Oversight Hearing on**

**“A Roadmap for Increasing our Water and Hydropower Supplies: The Need for New and Expanded Multi-Purpose Surface Storage Facilities”**

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a. Any training or educational certificates, diplomas or degrees or other educational experiences that are relevant to your qualifications to testify on or knowledge of the subject matter of the hearing.

**B.Sc. Hydrology**

**M.Sc. Hydrology and Watershed Science**

b. Any professional licenses, certifications, or affiliations held that are relevant to your qualifications to testify on or knowledge of the subject matter of the hearing.

### **International Water Association (IWA)**

- *Editorial Board - IWA Journal of Water & Climate Change* (London, UK)
- *Specialist Group Member on Water, Energy & Climate Change* (Den Haag, NL)
  - *Task Force Member on Retreating Glaciers and Snowpack* (Seattle, WA)
- *Organizational Committee - Water, Energy & Climate Change - IWA World Water Congress - Busan, Korea, 2012*
- *Planning Committee - 6th World Water Forum - Energy Efficiency in Water and Wastewater Services - Marseille, France*
- *Climate Change Editorial Reviewer - IWA Montreal, Canada, 2010 World Congress*
- *Climate Change Editorial Reviewer - IWA Dublin, Ireland, 2012 World Congress*
- *Climate Change Editorial Reviewer - IWA Singapore, Thailand, 2014 World Congress*
- *Editorial Reviewer - IWA Water Wiki Environmental & Risk Management (UK)*

### **International Water Resources Association (IWRA)**

- Member/Editorial Peer Reviewer (Montreal)

### **International Union of Geodesy and Geophysics (IUGG) - International Association of Hydrological Sciences (IAHS)**

- Member

### **International Association for Environmental Hydrology (IAEH)**

- Member

### **Canadian Water Resources Association/Association Canadienne des Ressources Hydrique (CWRA/ACRH)**

- Member

### **British Hydrological Society - Institute of Civil Engineers**

- Member

### **Environmental & Water Resources Institute (EWRI) of the American Society of Civil Engineers (ASCE) – Sacramento Chapter**

- Vice Chair - Sacramento

### **Environmental & Water Resources Institute (EWRI) - Committee on Climate Forcings – Implications to Water Resources**

- Chair – Sacramento

### **California/Nevada Floodplain Management Association (FMA)**

- Annual Speaker – Climate Change

### **California Water Commission**

- Panel Moderator and Expert Panelist on New Water Storage and Climate Change

### **American Geophysical Union (AGU)**

- Member

### **American Association for the Advancement of Science (AAAS)**

- Member

### **California Association of Local Agency Formation Commissions (CALAFCO)**

- Past Water Committee Member, Panelist, Workshop Seminar Leader, Climate Change Speaker, and Annual Speaker

### **Association of California Water Agencies (ACWA)**

- Associate Member and Water Supply, Climate Change, and New Reservoir Storage Panelist
- Energy Committee (Climate Change Subcommittee)

### **Sierra Fund/Sierra Nevada Conservancy**

- Member and Speaker on Water Issues

### **The Pacific Institute**

- Member  
Southwest Climate Change Network
- Member

c. Any employment, occupation, ownership in a firm or business, or work-related experiences that relate to your qualifications to testify on or knowledge of the subject matter of the hearing.

***CEO & Principal Hydrologist***

The SHIBATANI GROUP, Inc., 2008 to present

***Consulting Hydrologist, Water Industry Advisor***

California Sciences and Planning Division of PBS&J (formerly, EIP Associates, now Atkins), 2005-2008

***Principal, Water Resources Management for California***

Stantec Consulting Inc., 2003-2004

***Vice President and Partner, Corporate Development***

Surface Water Resources, Inc. (acquired by HDR Inc.), 2002

***Vice President and Partner, Environmental Permitting and Planning (CEQA/NEPA)***

Surface Water Resources, Inc. (acquired by HDR Inc.), 2000-2002

***Senior Project Manager***

Surface Water Resources, Inc. (acquired by HDR Inc.), 1996 – 1999

***Senior Hydrologist***

Hydrologic Consultants Inc. (merged with SWRI), 1996

***Regulatory Specialist***

Beak Consultants, Inc., 1993 – 1996

***Environmental Law Practice Group***

Fasken Martineau Walker (Internationally) (formerly Fasken & Calvin) 1988 – 1993

d. Any federal grants or contracts (including subgrants or subcontracts) from the Department of the Interior (and /or other agencies invited) that you have received in the current year and previous four years, including the source and the amount of each grant or contract.

None

e. A list of all lawsuits or petitions filed by you against the federal government in the current year and the previous four years, giving the name of the lawsuit or petition, the subject matter of the lawsuit or petition, and the federal statutes under which the lawsuits or petitions were filed.

None

f. A list of all federal lawsuits filed against you by the federal government in the current year and the previous four years, giving the name of the lawsuit, the subject matter of the lawsuit, and the federal statutes under which the lawsuits were filed.

None

g. Any other information you wish to convey that might aid the Members of the Committee to better understand the context of your testimony.

Mr. Shibatani is an empirical hydrologist with over 30 years of collective experience in physical hydrology, watershed resource management, and operational water consulting. He is a noted expert in long-range California water supply development and an acknowledged practitioner in global climate change hydrology and its effects on water resources. He regularly advises and is counsel to leading political and government leaders on Western U.S water issues.

Mr. Shibatani has managed some of the most high profile federal/State water projects working closely within the context of CVP/SWP, COA, OCAP, ESA and Delta operations, federal water contracting, water transfers, and regional multiple-party water agreements. He is an expert in reservoir operations having served as expert panelist, moderator, and advisor to the California Water Commission, SWRCB, DWR CalFED Surface Storage Investigation Team, U.S. Bureau of Reclamation Basin Studies Team, ACWA, EWRI/ASCE, etc.

Mr. Shibatani's current work focuses on future water supply options/development, new reservoir initiatives, private equity investment in new reservoirs, drought planning, hydrological regime shifts due to long-term climate forcings, and their effects on water rights, allocations, and environmental flows. He is part of a wider international consortium of water experts from partnering firms in Australia, Vietnam, Jakarta, Nepal, China and the EU pursuing various water governance, transboundary water rights, and river compact agreements.

### Recent Invited Presentations on Water Resources and Climate Change

**Climate Change and Water: Ongoing Opportunities for Regulatory Discretion – “Soft-Handed” Remedies to Climate Change**

California Water Law & Policy Conference, 2013

**Getting Down to Brass Tacks: Climate Change Adaptations at the Operational Level – A Framework for Regulatory Transitioning**

Environmental & Water Resources Institute/ASCE Annual Symposium, 2013

**A New Era for Water Storage Development: Enhancing Ongoing State Water Initiatives**

Sacramento Regional Water Storage Forum, 2013

**Accelerated Climate Change: How a Shifting Flow Regime is Redefining Water Governance in California**

California Water Law & Policy Conference, 2012

**Accelerated Climate Change: A New Impetus for Flood Control and Water Supply Integration**

Floodplain Management Association Annual Conference, 2012

**Climate Change: Responding to the Institutional Challenges**

ACWA Fall Conference, 2012

**Sierra Nevada Yield: The Need for Reservoir Operational Flexibility in a Rapidly Changing Environment**

Sierra Fund and Sierra Nevada Alliance Annual Conference, 2012

**California Water Resources in Transition: Improving Water Resource Management Practices – Exploring Opportunities for Airborne/Satellite Technology Applications**

NASA Jet Propulsion Laboratory, 2011

**Climate Change Hydrology: Implications to Current Practices**

State Water Resources Control Board, 2011

**High Elevation On-Stream Storage: Improving Integrated Water Operations Flexibility in the Face of Uncertainty**

California Department of Water Resources – CalFED Surface Storage Investigation, 2011

**A Shifting Climate: How is it Affecting Water Rights and Entitlements**

California Water Law & Policy Conference, 2011

**Overview of California's System Yield: Threats, Challenges, and the Need to Augment and Diversify Water Portfolios**

CALAFCO Annual Conference, 2011

**Sierra Nevada Water Resources: Its Increasingly Vital Role in California Water Management**

ACWA Annual Spring Conference, 2010

**Not Your Grandparents Storage Project: A New Era in Source Area Reservoir Development**

ACWA Annual Spring Conference, 2010

**Delivering Water in the Face of Climate Change – Real-Time Operational Prescriptions for Water Managers to Predict and Respond to Changing Hydrology**

ACWA Fall Conference, 2010

**California Water Supply Overview: Water Supply and Drought and the Challenges it Creates**

CALAFCO Annual Conference, 2009

**Water Sustainability – LAFCO's Role in Meeting the Challenge – California Water Developments in 2008 and Beyond**

CALAFCO Annual Conference, 2008

**Climate Change Symposium**

Floodplain Management Association, 2008

**Can New Surface Storage Alone Solve the State's Flood Control Problem?**

Floodplain Management Association Annual Conference 2008

**Sierra Nevada Water Resources: The Threat of Climate Change on the Sierra Nevada Snowpack and Water Supply: What's the Real Evidence and What are Its Implications?**

## Witnesses Representing Organizations

Name/Organization **The SHIBATANI GROUP**

Inc. \_\_\_\_\_

Title/Date of Hearing 10/29/13 Oversight Hearing on

*“A Roadmap for Increasing our Water and Hydropower Supplies: The Need for New and Expanded Multi-Purpose Surface Storage Facilities”*

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h. Any offices, elected positions, or representational capacity held in the organization(s) on whose behalf you are testifying.

None

i. Any federal grants or contracts (including subgrants or subcontracts) from the Department of the Interior (and /or other agencies invited) that were received in the current year and previous four years by the organization(s) you represent at this hearing, including the source and amount of each grant or contract for each of the organization(s).

None

j. A list of all lawsuits or petitions filed by the organization(s) you represent at the hearing against the federal government in the current year and the previous four years, giving the name of the lawsuit or petition, the subject matter of the lawsuit or petition, and the federal statutes under which the lawsuits or petitions were filed for each of the organization(s).

None

k. A list of all federal lawsuits filed against the organization(s) you represent at the hearing by the federal government in the current year and the previous four years, giving the name of the lawsuit, the subject matter of the lawsuit, and the federal statutes under which the lawsuits were filed.

None

l. For tax-exempt organizations and non-profit organizations, copies of the three most recent public IRS Form 990s (including Form 990-PF, Form 990-N, and Form 990-EZ) for each of the organization(s) you represent at the hearing (not including any contributor names and addresses or any information withheld from public inspection by the Secretary of the Treasury under 26 U.S.C. 6104)).

N/A