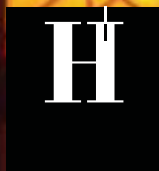


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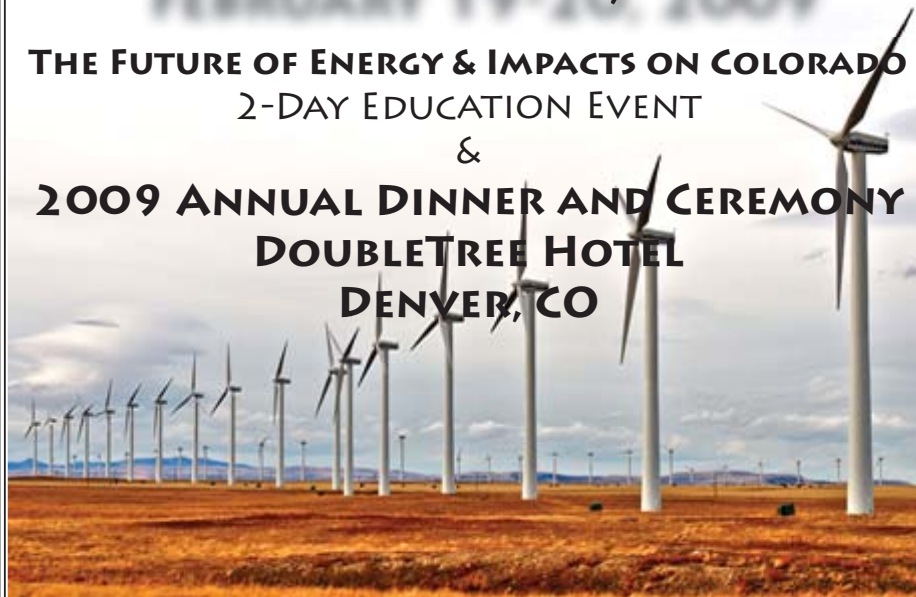
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## ENGINEERS WEEK CELEBRATION! FEBRUARY 19-20, 2009

THE FUTURE OF ENERGY & IMPACTS ON COLORADO  
2-DAY EDUCATION EVENT

&

2009 ANNUAL DINNER AND CEREMONY  
DOUBLETREE HOTEL  
DENVER, CO



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# "TECHNOLOGY FOR THE FUTURE" 2-DAY EDUCATION EVENT SCHEDULE OF EVENTS THURSDAY, FEBRUARY 19, 2009



## TIME

7:30 - 8:00 A.M.	REGISTRATION & CHECK-IN
8:00 - 9:00 A.M.	ANNUAL MEETING
9:00 - 9:15 A.M.	BREAK
9:15 - 10:30 A.M.	SESSION 1: SPEAKER: DYLAN B. ROSS, E.I.T., ASSOCIATE MECHANICAL ENGINEER, WORLEYPARSONS GROUP, LLC TOPIC: SOLAR THERMAL POWER
10:30 - 11:45 A.M.	SESSION 2: SPEAKER: NOELLE COCHRAN, P.E., VICE PRESIDENT AND REMEDIATION GROUP LEADER, URS CORPORATION TOPIC: "WHAT NOT TO WRITE - WRITING YOUR TECHNICAL REPORTS WITHOUT ADDING UNEXPECTED LIABILITY"
11:45 - 12:00 P.M.	BREAK
12:00 - 1:30 P.M.	LUNCH & KEYNOTE SPEAKER: SPEAKER: MICHAEL HARDY, P.E., F.NSPE, NSPE VICE PRESIDENT TOPIC: THIS SESSION WILL INCLUDE UPDATES FROM THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS AND GOALS FOR THE 2009-2010 YEAR.
1:30 - 2:00 P.M.	BREAK
2:00 - 3:15 P.M.	SESSION 3: SPEAKER: ATTA FORSBERG, WILLIS NATIONAL CONSTRUCTION PRACTICE TOPIC: INDUSTRY TRENDS AND DEVELOPMENTS FOR INTEGRATION INTO RISK MANAGEMENT SOLUTIONS DEVELOPED FOR DESIGN PROFESSIONALS, CONTRACTORS AND OWNERS AROUND THE REGION.
3:15 - 3:30 P.M.	BREAK
3:30 - 4:45 P.M.	SESSION 4: SPEAKER: CHARLIE ADAMS, STATE BOARD OF LICENSURE FOR PROFESSIONAL ENGINEERS TOPIC: STATE BOARD OF LICENSURE REPORT
5:00 - 6:30 P.M.	PEC - STATE BOARD MEETING

## OBLIGATION OF AN ENGINEER PLEDGE

*I AM AN ENGINEER. IN MY PROFESSION, I TAKE DEEP PRIDE.  
TO IT I OWE SOLEMN OBLIGATIONS.*

*SINCE THE STONE AGE, HUMAN PROGRESS HAS BEEN SPURRED BY THE ENGINEERING  
GENIUS. ENGINEERS HAVE MADE US ABLE NATURE'S VAST RESOURCES OF MATERIALS  
AND ENERGY FOR MANKIND'S BENEFIT. ENGINEERS HAVE VITALIZED AND TURNED TO  
PRACTICAL USE OF THE PRINCIPLES OF SCIENCE AND THE MEANS OF TECHNOLOGY. WERE  
IT NOT FOR THIS HERITAGE OF ACCUMULATED EXPERIENCE, MY EFFORTS WOULD BE FEEBLE.*

*AS AN ENGINEER, I PLEDGE TO PRACTICE INTEGRITY AND FAIR DEALING, TOLERANCE  
AND RESPECT AND TO UPHOLD DEVOTION TO THE STANDARDS AND THE DIGNITY OF MY  
PROFESSION, CONSCIOUS ALWAYS THAT MY SKILL CARRIED WITH IT THE OBLIGATION TO  
SERVE HUMANITY BY MAKING THE BEST USE OF EARTH'S PRECIOUS WEALTH.*

*AS AN ENGINEER, IN HUMILITY AND WITH THE NEED FOR DIVINE GUIDANCE, I SHALL  
PARTICIPATE IN NONE BUT THE HONEST ENTERPRISES. WHEN NEEDED, MY SKILL AND  
KNOWLEDGE SHALL BE GIVEN WITHOUT RESERVATION FOR THE PUBLIC GOOD. IN THE  
PERFORMANCE OF DUTY AND IN FIDELITY TO MY PROFESSION, I SHALL GIVE THE UTMOST.*

## ORDER OF THE ENGINEER CEREMONY HISTORY

OUT OF TRAGEDY WAS BORN A SYMBOL OF ENGINEERING RECOGNITION, ACHIEVEMENT  
AND THE REMINDER THAT THE POTENTIAL FOR DISASTER LURKS WHEN INCOMPETENCE IS  
SUBSTITUTED FOR EXCELLENCE.

IN THE UNITED STATES IN 1970, "THE ORDER OF THE ENGINEER," WAS INSPIRED FROM  
THE, "RITUAL OF THE CALLING OF THE ENGINEER," LONG ESTABLISHED IN CANADA.

THE SYMBOL FOR RECOGNITION AND EXCELLENCE OF PROFESSION IN THE UNITED STATES  
IS THE STAINLESS STEEL RING WORN ON THE LITTLE FINGER OF THE WORKING HAND,  
WHICH WAS PATTERNED AFTER THE CANADIAN WROUGHT IRON RING.

BOTH RINGS ARE RECOGNIZABLE BY PROFESSIONAL AND LAYMEN ALIKE AS THE SYMBOL  
OF AN ENGINEER DEDICATED TO HIS PROFESSION. IN CANADA THE SYMBOL OF THE IRON  
RING WAS ORIGINALLY MADE FROM THE WROUGHT IRON BEAMS FROM THE WORLDS  
LARGEST SINGLE CANTILEVER SPAN THAT CROSSED THE ST. LAWRENCE AT QUEBEC CITY.

THE QUEBEC BRIDGE PLUNGED INTO THE ST. LAWRENCE RIVER AT QUEBEC CITY ON  
AUGUST 29, 1907, KILLING 76 WORKERS. BY DEVIATING FROM ACCEPTED PROCEDURES  
AND SAVING A FEW STEPS, THE PHOENIX BRIDGE COMPANY SAVED NONE, BUT UNDER-  
CALCULATED THE WEIGHT OF THE BRIDGE, AND AT A TIME OF CONFLICTING THEORIES OF  
LATTICE DESIGN AND STRENGTH, KEY MEMBERS WERE UNDERDESIGNED.

THE CANADIAN IRON RING IS A SYMBOLIC LINK TO BOTH ACHIEVEMENT AND THE  
POTENTIAL TO DISASTER. THOSE WHO WEAR THE IRON RING (CANADA) AND THE  
STAINLESS STEEL RING (UNITED STATES) DO SO IN AN INCREASINGLY LITIGIOUS AND  
SUPPOSEDLY COST-CONSCIOUS WORLD, WHERE IT IS WISE TO REMEMBER THAT THE WAY  
IN WHICH DESIGN RESPONSIBILITY WAS ASSIGNED AND PAID FOR WAS ONE OF THE  
UNDERLYING CAUSES OF THE QUEBEC BRIDGE COLLAPSE.



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**"FUTURE OF ENERGY & IMPACTS ON COLORADO"  
FRIDAY, FEBRUARY 20, 2009**



TIME	
7:30 - 8:00 A.M.	<b>REGISTRATION &amp; CHECK-IN</b>
8:00 - 9:00 A.M.	<b>SESSION 1:</b> <b>SPEAKER: RON MILLER, P.E.,</b> PROGRAM MANAGER, POWER & RENEWABLE ENERGY, URS CORPORATION <b>TOPIC: TOP TEN SOLAR, WIND, AND BIOMASS ALTERNATIVE ENERGY DRIVERS"</b>
9:00 - 10:00 A.M.	<b>SESSION 2:</b> <b>SPEAKER: GARY SCHMITZ,</b> CHIEF ECONOMIST, COLORADO ENERGY FORUM <b>TOPIC: "COLORADO'S RENEWABLE ENERGY STANDARD: ITS IMPACT ON THE FUTURE ELECTRIC CAPACITY NEEDS OF THE STATE"</b>
10:00 - 10:15 A.M.	<b>BREAK</b>
10:15-11:30 A.M.	<b>SESSION 3:</b> <b>ROBYN L. MCGUCKIN</b> - DIRECTOR OF STRATEGIC PLANNING, MWH GLOBAL <b>TOPIC: "THE CARBON-ENERGY COMMODITY. THE ROLE OF CARBON FOR THE POWER SECTOR IN COLORADO"</b>
11:30 - 12:00 P.M.	<b>DISCUSSION:</b> STUDENTS, ENERGY WORKFORCE PROGRAM, GOODWILL INDUSTRIES OF DENVER
12:00 - 1:15 P.M.	<b>LUNCH &amp; KEYNOTE SPEAKER:</b> <b>SPEAKER: MOREY WOLFSON,</b> UTILITIES PROGRAM MANAGER, GOVERNOR'S ENERGY OFFICE <b>TOPIC: ENERGY IN COLORADO</b>
1:15 - 1:30 P.M.	<b>BREAK</b>
1:30 - 2:30 P.M.	<b>SESSION 4:</b> <b>SPEAKER: DR. DAN CAPRIORGIO,</b> PROFESSOR OF BIOLOGY AND MICROBIAL PHYSIOLOGIST/GENETICIST AT COLORADO STATE UNIVERSITY-PUEBLO <b>TOPIC: BIO-MASS</b>
2:30 - 3:45 P.M.	<b>SESSION 5:</b> <b>SPEAKER: DR. ROEL SNIEDER,</b> W.M.KECK DISTINGUISHED PROFESSOR OF BASIC EXPLORATION SCIENCE AT COLORADO SCHOOL OF MINES <b>TOPIC: "GLOBAL ENERGY CHALLENGE"</b>
3:45 - 4:00 P.M.	<b>BREAK</b>
4:00 - 5:00 P.M.	<b>SESSION 6:</b> <b>ABEL TAPIA, P.E.,</b> COLORADO STATE SENATOR, DISTRICT 3 <b>TOPIC: "ENERGY-RELATED LEGISLATION IN COLORADO"</b>
6:00 - 6:30 P.M.	<b>ORDER OF THE ENGINEER RING CEREMONY &amp; INDUCTION</b>
6:00 - 9:15 P.M.	<b>ENGINEERS WEEK RECEPTION/DINNER &amp; PRESENTATION (SEE PAGE 4)</b>



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**2009 UPCOMING EVENTS**  
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**BRIDGE BUILDING CONTEST**  
**SATURDAY, FEBRUARY 21, 2009**  
DENVER FEDERAL CENTER, LAKEWOOD, CO

**MATHCOUNTS COMPETITIONS:**

- BOULDER-** **SATURDAY, FEBRUARY 7TH,**  
SEAGATE TECHNOLOGIES, LONGMONT
- JEFFERSON -** **FRIDAY, FEBRUARY 6TH,**  
COLORADO SCHOOL OF MINES, GOLDEN
- METRO -** **SATURDAY, FEBRUARY 28TH,**  
UNIVERSITY OF DENVER, DENVER
- NORTH METRO -** **SATURDAY, FEBRUARY 21ST,**  
ROCKY TOP MIDDLE SCHOOL, THORNTON
- NORTHERN -** **SATURDAY, FEBRUARY 7TH,**  
COLORADO STATE UNIVERSITY, FORT COLLINS
- PIKES PEAK -** **SATURDAY, FEBRUARY 7TH,**  
COLORADO COLLEGE, COLORADO SPRINGS
- SOUTHERN -** **SATURDAY, FEBRUARY 28TH,**  
COLORADO STATE UNIVERSITY AT PUEBLO, PUEBLO
- WESTERN SLOPE -** **SATURDAY, FEBRUARY 14TH,**  
MESA STATE COLLEGE, GRAND JUNCTION
- STATE -** **SATURDAY, MARCH 21ST,**  
UNIVERSITY OF DENVER, DENVER
- NATIONAL -** **FRIDAY, MAY 8TH,**  
WALT DISNEY WORLD'S SWAN AND DOLPHIN RESORT,  
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\*CHAPTER EVENTS - PLEASE SEE [WWW.PEC.ORG](http://WWW.PEC.ORG) FOR MORE INFORMATION



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## SPEAKER BIOGRAPHIES:

### **ATTA FORSBERG, WILLIS NATIONAL CONSTRUCTION PRACTICE**

ATTA IS THE WILLIS NATIONAL CONSTRUCTION PRACTICE - PROFESSIONAL LIABILITY GROUP LEADER FOR THE WESTERN REGION, WHERE SHE SPECIALIZES IN WORKING WITH THE DESIGN AND CONSTRUCTION INDUSTRY IN DEVELOPING EFFECTIVE RISK MANAGEMENT AND RISK TRANSFER STRATEGIES. SHE IS INVOLVED IN THE FIRM'S DEVELOPMENT OF PROFESSIONAL LIABILITY SOLUTIONS FOR ITS CLIENTS AND WORKS CLOSELY WITH SALES AND SERVICE TEAMS IN LOCAL OFFICES THROUGHOUT THE WESTERN REGION IN THE MARKETING AND ADMINISTRATION OF PROFESSIONAL LIABILITY PROGRAMS. ADDITIONALLY, SHE WORKS WITH WILLIS COLLEAGUES TO ENSURE AWARENESS OF INDUSTRY TRENDS AND DEVELOPMENTS FOR INTEGRATION INTO THE RISK MANAGEMENT SOLUTIONS DEVELOPED FOR DESIGN PROFESSIONALS, CONTRACTORS AND OWNERS AROUND THE REGION.

### **DR. DAN CAPRIOGLIO, PROFESSOR OF BIOLOGY AND MICROBIAL PHYSIOLOGIST/GENETICIST AT COLORADO STATE UNIVERSITY-PUEBLO**

DR. CAPRIOGLIO HAS A BACHELOR'S DEGREE IN MICROBIOLOGY FROM UCLA (1983) AND GRADUATE WORK LEADING TO HIS PH.D. AT OREGON STATE UNIVERSITY AND NORTH CAROLINA STATE UNIVERSITY (1989). HIS POSTDOCTORAL EXPERIENCE IS IN YEAST MOLECULAR BIOLOGY AT THE UNIVERSITY OF NEW MEXICO. AT COLORADO STATE UNIVERSITY PUEBLO, DR. CAPRIOGLIO HAS HAD PROJECTS IN BOTH MOLECULAR BIOLOGY AND APPLIED MICROBIOLOGY. IN 2006-07, HE HAD A SABBATICAL TO CSIRO CLAYTON IN APPLIED MICROBIOLOGY THAT INCLUDED CONSULTING AT AUSTRALIA'S LARGEST BIOFUEL PLANT. HIS CURRENT RESEARCH IS IN USE OF BIOCATALYSIS ON WASTE STREAMS FOR THE PRODUCTION OF VALUE ADDED PRODUCTS.

### **DR. ROEL SNIEDER, W.M. KECK DISTINGUISHED PROFESSOR OF BASIC EXPLORATION SCIENCE AT COLORADO SCHOOL OF MINES**

DR. ROEL SNIEDER HOLDS THE KECK FOUNDATION ENDOWED CHAIR OF BASIC EXPLORATION SCIENCE AT THE COLORADO SCHOOL OF MINES. HE RECEIVED IN 1984 A MASTERS DEGREE IN GEOPHYSICAL FLUID DYNAMICS FROM PRINCETON UNIVERSITY, AND IN 1987 A PH.D. IN SEISMOLOGY FROM UTRECHT UNIVERSITY. IN 1993 HE WAS APPOINTED AS PROFESSOR OF SEISMOLOGY AT UTRECHT UNIVERSITY, WHERE FROM 1997-2000 HE WAS APPOINTED AS DEAN OF THE FACULTY OF EARTH SCIENCES. IN 1997 HE WAS A VISITING PROFESSOR AT THE CENTER FOR WAVE PHENOMENA. ROEL SERVED ON THE EDITORIAL BOARDS OF GEOPHYSICAL JOURNAL INTERNATIONAL, INVERSE PROBLEMS, AND REVIEWS OF GEOPHYSICS. IN 2000 HE WAS ELECTED AS FELLOW OF THE AMERICAN GEOPHYSICAL UNION FOR IMPORTANT CONTRIBUTIONS TO GEOPHYSICAL INVERSE THEORY, SEISMIC TOMOGRAPHY, AND THE THEORY OF SURFACE WAVES. HE IS AUTHOR OF THE TEXTBOOK "A GUIDED TOUR OF MATHEMATICAL METHODS FOR THE PHYSICAL SCIENCES" THAT IS PUBLISHED BY CAMBRIDGE UNIVERSITY PRESS. SINCE 2000 HE IS A FIREFIGHTER IN GENESSEE FIRE RESCUE.

### **MOREY WOLFSON, UTILITIES PROGRAM MANAGER, GOVERNOR'S ENERGY OFFICE**

MOREY WOLFSON IS A MEMBER OF THE THE BOARD OF DIRECTORS OF ASPO-USA. ASIDE FROM HIS INTEREST IN THE PEAK OIL AND GAS TOPICS, HIS PRIMARY WORK FOCUSES ON ELECTRICITY POLICY ISSUES IN COLORADO. HE RECENTLY CONSULTED WITH A PROMINENT DENVER ARCHITECTURAL FIRM AND THE COLORADO ENERGY SCIENCE CENTER. FROM 2000 TO 2004, HE WAS THE UTILITIES TEAM LEADER, FEDERAL ENERGY MANAGEMENT PROGRAM, AT THE NATIONAL RENEWABLE ENERGY LABORATORY. FROM 1985 UNTIL 1999 HE WAS THE EXECUTIVE ASSISTANT TO THE COMMISSIONERS AT THE COLORADO PUBLIC UTILITIES COMMISSION. FROM 1970 TO 1985 HE SERVED AS A CONSULTANT TO A WIDE VARIETY OF ENERGY AND ENVIRONMENTAL CLIENTS, PRIMARILY IN THE RENEWABLE ENERGY AND ENERGY EFFICIENCY FIELDS. HE IS A MEMBER OF SEVERAL INDUSTRY AND POLICY ELECTRIC POWER COMMITTEES, INCLUDING THE NATIONAL ELECTRICITY POLICY COUNCIL, THE COMMITTEE ON REGIONAL ELECTRIC POWER COOPERATION, THE HIGH PLAINS EXPRESS, AND SEVERAL INITIATIVES AT THE WESTERN GOVERNORS' ASSOCIATION. HE EARNED HIS MASTERS DEGREE IN URBAN AND REGIONAL PLANNING/COMMUNITY DEVELOPMENT FROM THE COLLEGE OF ENVIRONMENTAL DESIGN AT THE UNIVERSITY OF COLORADO.

### **GARY SCHMITZ, CHIEF ECONOMIST, COLORADO ENERGY FORUM**

DR. GARY SCHMITZ IS CURRENTLY THE CHIEF ECONOMIST FOR THE COLORADO ENERGY FORUM. THE COLORADO ENERGY FORUM IS A NON-PROFIT EDUCATIONAL FOUNDATION WORKING TO EDUCATE COLORADO CITIZENS ON THE NEED FOR INCREASED INVESTMENT IN COLORADO'S ENERGY INFRASTRUCTURE SO THAT ECONOMIC GROWTH, JOB CREATION AND CONSERVATION CAN BE MAINTAINED IN OUR STATE FOR FUTURE GENERATIONS. DR. SCHMITZ FORMERLY SERVED AS THE CHIEF ENERGY ECONOMIST FOR THE COLORADO PUBLIC UTILITIES COMMISSION.

### **RON MILLER, P.E., PROGRAM MANAGER, POWER & RENEWABLE ENERGY, URS CORP.**

RON MILLER IS A PROGRAM MANAGER FOR POWER AND RENEWABLE ENERGY FOR URS CORPORATION. HE HAS MORE THAN 30 YEARS OF DIVERSE PROJECT, PROGRAM, AND BUSINESS DEVELOPMENT EXPERIENCE IN THE ENERGY INDUSTRY. HE LED THE \$40 MILLION PER YEAR COLORADO RENEWABLE ENERGY PROGRAM DEVELOPMENT AND IMPLEMENTATION FOR XCEL ENERGY, WITH THE INSTALLATION OF OVER 25 MW OF SOLAR GENERATION OVER A TWO YEAR PERIOD. MR. MILLER DEVELOPED ALL PRICING MODELS, PROJECT ECONOMICS FOR INCENTIVE DETERMINATION, AND ALL LONG-TERM RENEWABLE ENERGY CREDIT PURCHASE CONTRACTS. HE INITIATED AND MANAGED REQUEST FOR PROPOSALS FOR 150 SOLAR PROJECTS TOTALING 70 MW OF CAPACITY. KEY PV PROJECTS WERE 2 MW AT THE DENVER INTERNATIONAL AIRPORT, AND 2 MW AT FORT CARSON, COLORADO. IN 2007, HE WAS RECOGNIZED BY XCEL ENERGY'S UTILITIES GROUP AS THE ENVIRONMENTAL LEADER OF THE YEAR. PRIOR TO JOINING URS, MR. MILLER WAS THE BUSINESS DEVELOPMENT MANAGER FOR MOBIL PIPE LINE COMPANY AND MOBIL OIL CORPORATION, INITIATING MANY ENERGY PROJECTS. MR. MILLER IS A P.E. WITH AN MBA IN FINANCE, AND BS IN CIVIL ENGINEERING.

### **ROBYN L. MCGUCKIN - DIRECTOR OF STRATEGIC PLANNING, MWH GLOBAL**

MS. MCGUCKIN HAS BEEN A CONSULTANT TO VARIOUS BRANCHES OF THE US GOVERNMENT FOR OVER TWELVE YEARS, MANAGING THE CREATION, REDESIGN AND MANAGEMENT OF STRATEGIC INITIATIVES IN CONVENTIONAL AND RENEWABLE ENERGY FOR THE DEPARTMENT OF ENERGY, THE US AGENCY FOR INTERNATIONAL DEVELOPMENT (USAID), THE PENTAGON, AND OTHERS. DURING THAT TIME SHE HAS ALSO CONSULTED TO THE WORLD BANK, THE ASIA DEVELOPMENT BANK, THE UNDP AND OTHERS ON THE SUBJECT OF CLIMATE CHANGE AND ENERGY RELATED TO THE AREAS OF SEQUESTRATION, ECONOMIC MODELING, QUANTIFYING AND REDUCING GREENHOUSE GAS EMISSIONS, CARBON TRADE & FINANCING UNDER THE KYOTO PROTOCOL. MS. MCGUCKIN HAS A BS IN BIOLOGICAL SYSTEMS ENGINEERING AND AN MS IN BIOLOGICAL AND AGRICULTURAL ENGINEERING. SHE HAS LIVED AND WORKED IN THE U.S., SOUTH ASIA, THE MIDDLE EAST, EUROPE, AND AFRICA.

### **ABEL TAPIA, P.E., COLORADO STATE SENATOR, DISTRICT 3**

SENATOR ABEL TAPIA, P.E. ATTENDED JOHN F. KENNEDY SCHOOL OF GOVERNMENT, HARVARD UNIVERSITY, GRADUATE SCHOOL OF BUSINESS, HARVARD UNIVERSITY, BSCE, ENGINEERING, COLORADO STATE AAD, SOUTHERN COLORADO STATE COLLEGE. SENATOR TAPIA IS THE OWNER OF ABEL ENGINEERING PROFESSIONALS INCORPORATED AND CHIEF ENGINEER, CF AND I STEEL CORPORATION. ABEL TAPIA'S POLITICAL EXPERIENCE INCLUDES: SENATOR, COLORADO STATE SENATE, 2002-PRESENT REPRESENTATIVE, COLORADO STATE HOUSE OF REPRESENTATIVES, 1998-2002 MEMBER/PRESIDENT, PUEBLO SCHOOL BOARD, 1993-1997.

### **NOELLE COCHRAN, P.E., VICE PRESIDENT & REMEDIATION GROUP LEADER, URS CORP.**

NOELLE COCHRAN IS THE ENGINEERING, REMEDIATION, & CONSTRUCTION GROUP LEADER AND A VICE PRESIDENT/SENIOR ENGINEER IN THE URS DENVER ENVIRONMENTAL DIVISION. NOELLE HAS 23 YEARS OF EXPERIENCE IN CIVIL AND ENVIRONMENTAL ENGINEERING. SHE HAS BEEN INVOLVED IN MULTIPLE PHASES OF ENVIRONMENTAL PROJECTS, FROM SITE INVESTIGATION TO REMEDIATION DESIGN AND IMPLEMENTATION TO SITE CLOSURE. HER EXPERIENCE ALSO INCLUDES ENVIRONMENTAL MEDIATION AND LITIGATION SUPPORT. NOELLE RECEIVED HER B.S. DEGREE IN ENGINEERING - CIVIL FROM THE COLORADO SCHOOL OF MINES. NOELLE HAS HAD EXTENSIVE INVOLVEMENT IN THE PROFESSIONAL ENGINEERS OF COLORADO AS A MEMBER OF THE EXECUTIVE COMMITTEE AND MATHCOUNTS PROGRAM CO-COORDINATOR.

### **DYLAN ROSS, E.I.T., ASSOCIATE MECHANICAL ENGINEER, WORLEYPARSONS GROUP LLC**

DYLAN ROSS IS A WORLEYPARSONS MECHANICAL ENGINEER AND TECHNICAL SPECIALIST IN SOLAR THERMAL POWER, WITH EMPHASIS IN PARABOLIC TROUGH AND CENTRAL RECEIVER TECHNOLOGIES. HIS EXPERIENCE INCLUDES ENGINEERING AND CONSULTING IN CONCENTRATING SOLAR POWER AND NATURAL GAS POWER INDUSTRIES; INVOLVING FRONT-END AND DETAILED DESIGN, PERMITTING SUPPORT, OWNER'S ENGINEER SERVICES, FEASIBILITY STUDIES, AND EQUIPMENT PROCUREMENT. SOLAR EXPERIENCE INVOLVES CALIFORNIA ENERGY COMMISSION'S APPLICATION FOR CERTIFICATION SUPPORT, BUREAU OF LAND MANAGEMENT'S PLAN OF DEVELOPMENT SUPPORT, CONCEPTUAL AND 30% PLANT DESIGN, SITE DEVELOPMENT, AND PERFORMANCE MODELING. GAS TURBINE EXPERIENCE INVOLVES DETAILED AND FRONT-END ENGINEERING DESIGN IN SIMPLE AND COMBINED CYCLE BALANCE-OF-PLANT SYSTEMS.

**2009 ENGINEERS WEEK DINNER PROGRAM  
FEBRUARY 20, 2009**

**NATIONAL CO-CHAIRS: INTEL CORPORATION &  
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS**



**RECEPTION:** 6:00 - 6:30 P.M.

**ORDER OF THE ENGINEER INDUCTION:** 6:00 - 6:30 P.M.

**DINNER:** 6:30 - 7:45 P.M.

**WELCOME AND INTRODUCTIONS:** 7:45 - 8:00 P.M.

**PROGRAM:** 8:15 - 9:15 P.M.

**\*MASTER OF CEREMONIES:**

NOELLE COCHRAN, P.E., PEC & DAVE KRENEK, P.E., CEC

**"ACCELERATING CHANGE FOR RENEWABLES AND ENERGY EFFICIENCY"  
SPEAKER BIOGRAPHY**

**RON BINZ, CHAIRMAN OF THE COLORADO PUBLIC UTILITIES COMMISSION**

RON BINZ WAS APPOINTED AS CHAIRMAN OF THE COLORADO PUBLIC UTILITIES COMMISSION BY GOVERNOR BILL RITTER ON JANUARY 23, 2007. PRIOR TO HIS APPOINTMENT, RON WAS PRESIDENT OF PUBLIC POLICY CONSULTING, SPECIALIZING IN POLICY AND REGULATORY ISSUES IN THE TELECOMMUNICATIONS AND ENERGY INDUSTRIES. HIS CLIENTS INCLUDE CONSUMER GROUPS, STATE AGENCIES, TELECOMMUNICATIONS CARRIERS AND BUSINESS ASSOCIATIONS.

RON ALSO SERVED UNTIL 2003 AS PRESIDENT OF THE COMPETITION POLICY INSTITUTE (CPI), BASED IN WASHINGTON, D.C. CPI WAS A NON-PROFIT ORGANIZATION DEDICATED TO BRINGING COMPETITION TO TELECOMMUNICATIONS AND ENERGY MARKETS IN WAYS THAT BENEFIT CONSUMERS. RON DESCRIBES CPI AS "A COMBINATION CONSUMER ORGANIZATION AND THINK TANK." HE IS ALSO A FREQUENT SPEAKER AND EXPERT WITNESS ON COMPETITION AND CONSUMER ISSUES.

FOR ELEVEN YEARS, UNTIL 1995, RON DIRECTED THE COLORADO OFFICE OF CONSUMER COUNSEL, THE STATE'S UTILITY CONSUMER ADVOCATE. HIS OFFICE REPRESENTED RESIDENTIAL, SMALL BUSINESS AND AGRICULTURAL UTILITY CONSUMERS BEFORE THE COLORADO PUBLIC UTILITIES COMMISSION, FEDERAL REGULATORY AGENCIES AND THE COURTS.

RON WAS PREVIOUSLY PRESIDENT OF THE NATIONAL ASSOCIATION OF STATE UTILITY CONSUMER ADVOCATES (NASUCA) AND CHAIRED THE GROUP'S TELECOMMUNICATIONS COMMITTEE. ON BEHALF OF NASUCA AND CPI HE HAS TESTIFIED BEFORE CONGRESSIONAL COMMITTEES FIFTEEN TIMES.

RON SERVED AS THE CO-CHAIR OF THE NORTH AMERICAN NUMBERING COUNCIL WHICH ADVISES THE FEDERAL COMMUNICATIONS COMMISSION ON TELEPHONE NUMBERING POLICIES. RON IS A MEMBER OF THE HARVARD ELECTRICITY POLICY GROUP AND ALSO SERVED ON THE NETWORK RELIABILITY COUNCIL TO THE FCC. HE IS A DIRECTOR OF SEVERAL NON-PROFIT ORGANIZATIONS.

RON RECEIVED A B.A. IN PHILOSOPHY FROM ST. LOUIS UNIVERSITY IN 1971 AND AN M.A. IN MATHEMATICS FROM THE UNIVERSITY OF COLORADO IN 1977. HE ALSO COMPLETED COURSE WORK FOR A MASTERS DEGREE IN ECONOMICS FROM THE UNIVERSITY OF COLORADO.

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OF COLORADO**

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