### The Annual Environmental Training Symposium and Conference is a partnership of: Industrial Environmental Association & **California Manufacturers and Technology Association**

#### Exhibitors:

ACTenviro **Bio Clean, A Forterra Company Clean Harbors Environmental Resource Center Geosyntec Consultants Hydro International** Hydro-Convergent Technologies Inc.

Ingenium Lions, Tigers & Bears **Ocean Connectors San Diego Air Pollution Control District** San Diego County Water Authority San Diego Environmental Professionals **SCS Engineers** 

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Mission Statement:

would lilke to thank:

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San Diego, California, that promotes responsible environmental laws and regulations, provides manufacturers a voice on a variety of environmental issues, and offers educational opportunities for manufacturers and associated organizations in the region

The Industrial Environmental Association (IEA) is a non-profit association based in

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# Environmental Training Symposium and Conference Strategies for Success on California's Environmental Frontier













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## 34<sup>th</sup> Annual Environmental Training Symposium and Conference

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<ul> <li>Market and op WAD</li> <li>Market and op WAD&lt;</li></ul>			M. S. Hatch Consulting			Ionis Pharmaceuticals	Bi			Щ со Г	Jenny Quintana, Ph.D., MPH	Principal Water Resource	
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March 2000         Water Resources Control Board         Description         Description <thdescription< th="">         Description         Descri</thdescription<>		0RN 9:15	Chief of Engineering,	San Diego	Coastkeeper	Leon Wirschem		Koepke & Associates					
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Moderator: Nike Huber Dordnatic Program Kinage, Christian Buller, Christian Bul			ROOM 3		ROOM 4	ROOM 5A		ROOM 5B		7:7 1:6	Hazardous Materials Division, C	ounty of San Diego	
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U.S. EPA, Region 9       Manager, Scalanti         Sponsored by Career Line       Environmental Excellence Awards Luncheon       Banquet Hall         Associates of the Year Award: Associates of the Year Award: Relev Dyre & Warren LLP       ArTERNOON PLENARY SESSION       Exhibit Hall         Naval Facilities Engineering Command Southwest, Naval Base Point Loma       Art TERNOON PLENARY SESSION       Poster Presentation       UC san Diego Students         Statiles Engineering Command Southwest, Naval Base Point Loma       Environmental Enforcement Division Director, U.S. EPA, Region 9 Christiana Tedemann       Mathem Johnson       Banduet Hall         Director       Mathem Johnson       Entromental Encorement and Coursel, CalePA       Water Version       Prinzipal, Gasonite Co. Hydrologis Brown and Southwest, Naval Base Point Loma       Fundamental Enginee Anary Olime         Mathem Johnson       Entrorement Division Director, U.S. EPA, Region 9 Christiana Tedemann       Deput Scoretary for Law Enforcement and Coursel, CalePA       Water Outside Compliance Scoretary for Law Enforcement Division Director, U.S. EPA, Region 9 Christiana Tedemann       Deput Scoretary for Law Enforcement Division Director, U.S. EPA, Region 9 Christiana Tedemann       Deput Scoretary for Law Enforcement Division Director, U.S. EPA, Region 9 Christiana Tedemann       Deput Scoretary for Law Enforcement Division Director, U.S. EPA, Region 9 Christiana Tedemann       Deput Scoretary for Law Enforcement Division Director, U.S. EPA, Region 9 Christiana Tedemann       Deput Scoretary for Law Enforcement Division Director, U.S. EPA, Region 9 Chr										Σ			
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Associates of the Year Aware: Associates of the Year Aware: Associate Division Director, U.S. EPA, Region 9 Christiana Tiedemann Deputy Secretary for Law Enforcement and Counsel, CalEPA	ĺ		Sponsored by Sepurces Environmental E:			lence Awards Luncheon		Banquet Hall			10:30 AM -		
Application       Climates of Washington and Sacramento Moderator: Steve Marsh, Eq., Dentons U.S. LLP Environmental Excellence Award Winners: Naval Facilities Engineering Command Southwest, Naval Base Point Loma City of Riverside, Public Works Department, Wastewater Division CP Keico EDCO Escondido Resource Recovery       Common Department Material Southwest Southwest Division Mice Internet Material Southwest Southwest (Material Southwest Southwest, Naval Base Point Loma City of Riverside, Public Division Mice Internet Division CP Keico EDCO Escondido Resource Recovery       Moderator: Steve Marsh, Eq., Dentons U.S. LLP Ashielen Johnson Department Division Mice Internet Division Mice Internet Manager, SCA0MD Head of Section, Sustainable Bio Clean, A Forter Company Manager, SCA0MD Head of Section, Sustainable Bio Resources Scan Diego APCD Dispersion Mice Internet Manager, SCA0MD Head of Section, Sustainable Bio Resources School Company Manager, SCA0MD Head of Section, Sustainable Bio Resources School Compa			Apex Companies, LLC Environmental I		ON PLENARY SESSION		Exhibit Hall						
Poster Presentation       Poster Presentation       Poster Presentation       Poster Presentation         Poster Presentation       Moderator: Steve Marsh, Esq., Dentons U.S. LP         Naval Facilities Engineering Command       City of Riverside, Public Works Department, Wastewater Division       Moderator: Steve Marsh, Esq., Dentons U.S. LP       Shellfish Biosensors:       Improving Environmental Monitoring Through the Use Sort California Aria         Very File       Poster Presentation       Shellfish Biosensors:       Improving Environmental Monitoring Through the Use Sort California Aria       Poster Presentation         Moderator: Steve Marsh, Esq., Dentons U.S. LP       Nonitoring Through the Use Sort California Aria       Poster Presentation       UC San Diego Steve       Poster Presentation         Moderator: Steve Marsh, Esq., Dentons U.S. LP       Marsh California Aria       Poster Presentation       UC San Diego Steve       Poster Presentation         Moderator: Steve Marsh, Esq., Dentons U.S. LP       Marsh California Aria       Poster Presentation       UC San Diego Steve       Poster Presentation         Moderator: Steve Marsh, Esq., Dentons U.S. LP       Marsh California Aria       Poster Presentation       Poster Presentation       Poster Presentation         Moderator: Steve Marsh, Esq., Dentons U.S. LP       Marager, Et&		ΡM			Environmental I	Iforcement: Comparing the	<b>_</b>						
Naval Facilities Engineering Command Southwest, Naval Base Point Loma Southwest, Naval Base Point Loma Christiana Tiedeman Deputy Secretary for Law Enforcement Division Director, U.S. EPA, Region 9       W.S. Factor Diego Students       Improving Environmental Improving Environmental Monitoring Through the Use of Organisms         Very GPV City of Riverside, Public Works Department, Wastewater Division CP Kelco       ROOM 3       ROOM 5A       Shelfish Bissensors: Improving Environmental Monitoring Through the Use of Organisms       Improving Environmental Monitoring Through the Use of Organisms       Improving Environmental Monitoring Through the Use of Organisms         Improving Environmental Bill Brick Woderator: Sam Petersen Environmental Afrians Specialist, UCCD Bill Brick Chrief of Departmental Operations, Monatoring and Enchnical Services Division, Sam Diego APCD       Water Quality Treatment Innovation       Hazardous Waste Generator: To Test or Not To Fast- Inside Information from the Law and Regulators       Sustainability Reporting Moderator: Doe Gasey Sc. Manager, EH&S & Productor Compliance, Calaway Golf Comparate Sciences, Inc. James Kapin Manager, SCA0MD       Noderator: Doe Gasey Sc. Manager, EH&S & Productor Compliance, Calaway Golf Comparate Sciences, Inc. James Kapin Manager, SCA0MD       Noderator: Doe Gasey Sciences, Inc. James Kapin Manager, Sciences, Inc. James Kapin Manager, Sciencol Publichon Control Engineer, San Diego APCD Martial Division, Co		:45	, ,	d Winnere:		•	D D	Poster Presentation		= -	Senior Engineer,	Moderator: Laura Ca	
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CP Kelco       Deputy Secretary for Law Enforcement and Course, CalEPA       C       Use of Organisms       Senior Inspector, San Diego APCD       Aerospace Engine System         ROOM 3       ROOM 4       ROOM 5A       ROOM 5A       Room 1spector, San Diego APCD       Aerospace Engine System       Senior Inspector, San Diego APCD       Nate Course       Senior Inspector, San Diego APCD       Aerospace Engine System         Moderator: Sam Petersen       Moderator: Ed Othmer       Vater Quality Treatment       To Teo tor No To Tea + Inside Information       Sustainability, Reporting       Moderator: Doug Casey       Standage; EMS & Product       Moderator: Doug Casey       Standage; EMS & Product       Moly Cartmill         Bill Brick       Chief of Departmental Operations, Monitoring and Technical Services       Dispersion Modeling Technical Presentation       Moderator: Doug Casey       Standage; EMS & Product       Moly Cartmill         Moderator: Bill Brick       Colean, A Forterra Company       Stormwaters Sector, Leader, Stantec       Moly Cartmill       Dispersion Modeling Technical Presentation       Dispersion Modeling Technical Presentation         Marage; EMS Services, ACTENVIC       Manage; EMS Services, ACTENVIC       Manage; EMS Services, ACTENVIC       Dispersion Modeling Technical Presentation         Moly Cartmill       Manage; EMS Services, ACTENVIC       Sector Analyst, Consumer Goods and Food & Services, Sustainability, Accounting Standards Board       Moly Sector P		12:1		epartment,			45 F	Improving Environmental Monitoring Through the		8 - N	Resources Board	Randy Olms	
Air Monitoring Technologies       Water Quality Treatment Innovation       Water Quality Treatment Innovation       Water Quality Treatment Innovation       Bill Brick Chief of Departmental Operations, Monitoring and Technical Services, Division, San Diego APCD       Water Quality Treatment Innovation       Moderator: Ed Othmer California Stormwater Sector Leader, Stantec       Moderator: Generations, Stantec       Moderator: Ed Othmer California Stormwater Sector Leader, Stantec       Moderator: Joe Hess Associate Director, EH&S, Gilead Sciences, Inc.       Sustainability Reporting       Moderator: Doug Casey Sr. Manager, EH&S & Product Compliance, Callaway Golf Company       Sustainability Reporting         Moly Cartmill Division, San Diego APCD       Andrea Polidori, Ph. D. Amosperic Measurements Manager, SCAOMD       Fortera Company       Services, ACTenvio John Misleh       Molgration: Doug Casey Stantec       Sustainable Buildings and Company         Professor Andrea Polidori, Ph. D. Amosperic Measurements Manager, SCAOMD       Bio Clean, A Forterra Company Materials Division, County of San Diego       Professor Gretchen Weifinger Technical Manager, Metropolitan Solutions       Sustainable Buildings and Communities, DNV GL Lynn Xia Scotor Analyst, Consumer Goods and Food & Beverage Sectors, Sustainability Accounting Standards Board       Air Pollution Control Engineer, San Diego APCD					Deputy Secretary for	r Law Enforcement and Counsel, CalEPA	÷	Use of Organisms		Ω ₽ Ω	Senior Inspector, San Diego APCD	Aerospace Engine System	
Air Monitoring Technologies       Water Quality Treatment Innovation       Water Quality Treatment Innovation       Water Quality Treatment Innovation       Bill Brick Chief of Departmental Operations, Monitoring and Technical Services, Division, San Diego APCD       Water Quality Treatment Innovation       Moderator: Ed Othmer California Stormwater Sector Leader, Stantec       Moderator: Generations, Stantec       Moderator: Ed Othmer California Stormwater Sector Leader, Stantec       Moderator: Joe Hess Associate Director, EH&S, Gilead Sciences, Inc.       Sustainability Reporting       Moderator: Doug Casey Sr. Manager, EH&S & Product Compliance, Callaway Golf Company       Sustainability Reporting         Moly Cartmill Division, San Diego APCD       Andrea Polidori, Ph. D. Amosperic Measurements Manager, SCAOMD       Fortera Company       Services, ACTenvio John Misleh       Molgration: Doug Casey Stantec       Sustainable Buildings and Company         Professor Andrea Polidori, Ph. D. Amosperic Measurements Manager, SCAOMD       Bio Clean, A Forterra Company Materials Division, County of San Diego       Professor Gretchen Weifinger Technical Manager, Metropolitan Solutions       Sustainable Buildings and Communities, DNV GL Lynn Xia Scotor Analyst, Consumer Goods and Food & Beverage Sectors, Sustainability Accounting Standards Board       Air Pollution Control Engineer, San Diego APCD			EDCO Escondido Resource Reco	overy						0 7 7 7 7 7	Nick Cormier Air Quality Specialist.		
Moderator: Sam Petersen Environmental Affairs Specialist, UCSD Bil Brick Chief of Departmental Operations, Monitoring and Technical Services Division, San Diego APCD Andrea Polidori, Ph.D., Atmospheric Measurements Manager, SCAQMD Jenny Quintana, Ph.D., MPH Professor and Graduate Advisor for MPH and MS School of Public Health, San Diego State University       Innovation       To Test or Not To Test - Inside Information from the Lab and Regulators         Noderator: Sam Petersen Environmental Affairs Specialist, UCSD Bil Brick Chief of Departmental Operations, Monitoring and Technical Services Division, San Diego APCD Andrea Polidori, Ph.D., Atmospheric Measurements Manager, SCAQMD Jenny Quintana, Ph.D., MPH Professor and Graduate Advisor for MPH and MS School of Public Health, San Diego State University       Innovation       To Test or Not To Test - Inside Information from the Lab and Regulators         Moderator: Sam Petersen California gand Technical Services Division, San Diego APCD Andrea Polidori, Ph.D., Atmospheric Measurements for MPH and MS School of Public Health, San Diego State University       Innovation       To Test or Not To Test - Inside Information from the Lab and Regulators         Moderator: Sam Petersen for MPH and MS School of Public       Innovation       To Test or Not To Test - Inside Information from the Lab and Regulators       Moderator: Source Caleway Golf Company Manager, EtH&S, & Product         Moderator: Sam Petersen Control Engineer, San Diego APCD       Moderator: Golf Control Engineer, San Diego APCD       To Test or Not To Test - Inside Information from the Lab and Regulators         Manager, EtH&S, San Diego APCD       Manager, EtH&S, School of Public Health, San Diego State University       To Test	Ì	Ĭ	ROOM 3		ROOM 4	ROOM 5A		ROOM 5B		ΣĒ		Manager, Apex Companie	
Imoderator: Sam Petersen         Imoderator: Sam Petersen         Environmental Affairs Specialist, UCSD         Bill Brick         Chief of Departmental Affairs Specialist, UCSD         Division, San Diego APCD         Andrea Polidori, Ph.D.         Andrea Polidori, Ph.D.         Andrea Polidori, Ph.D.         Andrea Polidori, Ph.D.         Jenny Quintana, Ph.D., MPH         Professor and Graduate Advisor         for MPH and MS School of Public         Health, San Diego State University			Air Monitoring Technologies					Sustainability Reporting					
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Professor and Graduate Advisor       Diego       Sector Analyst, Consumer Goods and Food & Beverage Sectors, Sustainability Accounting Standards Board       Yaping Zhang         Image: Professor and Graduate Advisor       Image: Professor and Professor       Image: Professor       Image: Professor and Professor       Image:			•			Moderator: Joe Hess	С		Ĺ			12:00 РМ -	
Professor and Graduate Advisor       Diego       Sector Analyst, Consumer Goods and Food & Beverage Sectors, Sustainability Accounting Standards Board       Yaping Zhang         Image: Professor and Graduate Advisor       Image: Professor and Professor       Image: Professor       Image: Professor and Professor       Image:		SSI PN	Chief of Departmental Operations,		Stantec	Associate Director, EH&S, Gilead Sciences, Inc.	M	olly Cartmill		_	Rooi	n 3	
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Professor and Graduate Advisor       Diego       Sector Analyst, Consumer Goods and Food & Beverage Sectors, Sustainability Accounting Standards Board       Yaping Zhang         Image: Professor and Graduate Advisor       Image: Professor and Professor       Image: Professor       Image: Professor and Professor       Image:		IS P	Manager, SCAQMD	WaterTecto	onics	Environmental Health, Hazardous		Buildings and Communities, DNV GL		N N N N N N			
Image: Section of Public for MPH and MS School of Public Health, San Diego State University     Gretchen Welfinger Technical Manager, Metropolitan Solutions     Food & Beverage Sectors, Sustainability Accounting Standards Board     Air Pollution Control Engineer, San Diego APCD       3:30 PM - 3:45 PM     Snack Break     Exhibit Hall     Exhibit Hall     Image: Point Public Point Public Point Public Point Public Point Public Point Public Public Point Public Publi		is: E	Jenny Quintana, Ph.D., MPH Professor and Graduate Advisor			Materials Division, County of San	Ly	vnn Xia Sector Analyst, Consumer Goods and		0 M			
Health, San Diego State University     Accounting Standards Board       3:30 PM - 3:45 PM     Snack Break       Exhibit Hall		AF	for MPH and MS School of Public			Gretchen Welfinger		Food & Beverage Sectors, Sustainability		EBN 2:15	Air Pollution Control Eng	jineer, San Diego APCD	
3:30 PM - 3:45 PM   Snack Break Exhibit Hall			Health, San Diego State University			Metropolitan Solutions				112 12			
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<b>ber 27</b> (continued)							
ROOM 5A	ROOM 5B						
E-Manifesting and Hot Topics from DTSC	Working with Labs: Practical Tips for Better Data and Decisions         Moderator: Marilyn O'Neill         Special Projects/Adviser, Montrose/ Nautilus         Peter Arth         Laboratory Director, Enthalpy-Nautilus         Adrienne Cibor         Senior Project Manager, Enthalpy-Nautilus         Karl Lany         District Manager, Montrose Air Quality Services						
Moderator: April McGinley Environmental Health & Safety Supervisor, HII San Diego Shipyard Inc							
Business Operations Unit Manager, DTSC John Muegge Hazardous Substances Engineer,							
ocktail Reception	Exhibit Hall						
stration and Breakfast ATER INNOVATION AND EFFICIENCY A Presented by Jim Madaffer, Vice Chair, SDO MORNING PLENARY SESSION No One is Fiddling While California B	CWA Sponsored by						
and Emergency Response, CalEPA	GOOI UIII allOII San Diego County Water Authority						
ROOM 5A	ROOM 5B						
Challenges and Impacts to the	Industrial Energy Efficiency Moderator: Margaret Gregory Environmental Coordinator, General Atomics Todd Cahill Director of Business Services, SDG&E Renee Yarmy Program Manager, Energy & Sustainability, Port of San Diego Jerry Yaddgo Sr. Staff Facilities Engineer, Illumina, Inc.						
Moderator: Danielle Kerper Geologist, Geosyntec Consultants Jayne Joy							
Regional Water Quality Control Board Sam LoForti Principal, Nu Consulting Services Jessica C. McElfresh Attorney-at-Law, McElfresh Law, Inc.							
	Exhibit Hall						
ROOM 5A	ROOM 5B						
Inspector Update: Latest and Greatest right from the Inspector's Mouth Moderator: Cliff Hanna Environmental, Health & Safety Manager, General Atomics	The Science Behind Climate Change Moderator: Erik Anderson Environment Reporter, KPBS Jennifer Barks						
Supervising Deputy Fire Marshal, City of San Diego William Jacques Program Coordinator, San Diego APCD Kelly Robertson Supervising Environmental Health Specialist, Dept. of Environmental Health, Hazardous Materials Division, County of San Diego	Associate, Kelley Drye & Warren LLP <b>Dr. Helen Fricker</b> Professor, Scripps Institute of Oceanography						
Lunch Break Room 3							
Air Permitting Moderator: Jar President, BlueSc	Air Permitting 101 Workshop Moderator: James Westbrook President, BlueScape Environmental Jim Dill, Partner, ERM Massie Hatch, Principal Engineeer, M. S. Hatch Consulting Sam Petersen, Environmental Affairs Specialist, UCSD Jim Swaney, Chief of Engineering, San Diego APCD						
	E-Manifesting and Hot Topics from DTSC         Moderator: April McGinley Environmental Health & Safety Supervisor, HII San Diego Shipyard Inc         Marlicia Jauregui Business Operations Unit Manager, DTSC         John Muegge Hazardous Substances Engineer, DTSC         Andy Smith Senior Consultant, Environmental Resource Center         Vacektail Reception         tember 28         Stration and Breakfast         Atter InNOVATION AND EFFICIENCY. Presented by Jim Madaffer, Vice Chair, SD MORNING PLENARY SESSION No One is Fiddling While California B         Vlasek, Assistant Secretary for Local Program and Emergency Response, CalEPA         ROOM 5A         Environmental Compliance Challenges and Impacts to the Cannabis Industry         Moderator: Danielle Kerper Geologist, Geosyntec Consultants         Jayne Joy Assistant Executive Officer, Santa Ana Regional Water Quality Control Board Sam LoForti Principal, Nu Consulting Services         Jeffee Break         <						