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S. Abdelmoumen E. Bellenger M. Quéneudec-t'Kint	Influence of the nature of the rubber aggregates on the delayed deformations under constant load of eco-concrete formulated with rubber waste	France
V. Achal A. Mukherjee M.S. Reddy	Microbial Concrete: A way to Enhance the Durability of Building Structures	India
Bella Ilham Aguida Hamouine Abd El Madjid	Influence of the temperature on compressive strength of concrete crushed limestone sand concrete	Algeria
B. Ahmadi F. Pargar A. Dousti M. Shekarchi	Effect of natural zeolite as a pozzolanic material on the chloride diffusion of concrete	Iran
H. Al Nageim B. Saghafi P. Visulios N. Ghazireh	Evaluation of the potential partial use of waste fines limestone aggregates steel slag and incinerator waste residues as alternative aggregates in road base materials	United Kingdom
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Andrew Alcorn Michael Donn	Life cycle potential of strawbale and timber for carbon sequestration in house construction.	New Zealand
Naser alenezi	Evaluation and assessment of concrete produced by utilizing treated wastewater	Kuwait
Kwasi Osafo Ampadu Henry Adjei Belinda Osafo-Ampadu Nkansah Bawuah	INVESTIGATION INTO THE UTILIZATION OF RICE HUSK ASH-CALCINED CLAY BLEND AS A POZZOLLANA	Ghana
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M. Castellote C. Andrade	REMEDICATION OF CONSTRUCTION MATERIALS FROM HEAVY METALS CONTAMINATION	Spain
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Mary Christiansen	Extracting Sodium Silicate from Recycled Glass Cullet for Use in Geopolymer Concrete Economic and Waste Diversion Benefits of Construction Waste Recycling	United States

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Helena Meryman	The Emergence of Rice Husk Ash - a Complimentary Cementing Material	United States
Dunja Mikulic Bojan Milovanovic Damir Kolic Ana Sokačić Tomislav Šimunović.	Environmental Impact of Improving Energy Efficiency of Buildings	Croatia
Faiz A. M. Mirza	The Mechanical Properties of Recycled Aggregate Concrete Incorporating Silica Fume	Saudi Arabia

Kazuyuki MIURA Koji TAKASU Yasunori MATSUFUJI	A Basic Study on Removing Unburnt Carbon from Fly Ash by Ore Flotation to Use as Concrete Admixture	Japan
Maki Mizuta Takayuki Kojima Satoshi Yamamura Kazuhiro Kuzume	Quantitative Evaluation of Multiplier Effect of Concrete Expansion and Reinforcement	Japan
Harry P. Moats	What is Sustainable Timeless and Beautiful? Concrete	United States
Mohammed Tarek Uddin M R Kabir M A Awal Asheque al Mahbub Hidenori Hamada J. M. Khatib	Recycling of Concrete made with Brick Aggregate	Bangladesh
Knorad Mollenhauer Nathalie Piérard Ann Vanelstraete Michael Wistuba	Simulating site aging of surface asphalt courses in laboratory	Germany
Saveria Monosi Valeria Corinaldesi	THE INFLUENCE OF PAPER MILL ASH ADDITION ON THE PERFORMANCE OF SELF COMPACTING CONCRETE	Italy
J. Monzó J. Payá V. Borrachero R. Barrionuevo R. Méndez	Use of rice husk ash as a partial replacement of Portland cement in low cost precast	Spain
Giacomo Moriconi	SUSTAINABILITY-DRIVEN INNOVATION IN THE SOCIETY OF THE FUTURE	Italy
Justin Moss Con Lambous Rebecca Monckton	Australia's Move Towards Sustainable Construction Practices	Australia
A. Moutsatsou K. Theodoropoulos M.Mpatsos P. Malama S. Konstantopoulou V. Protonotarios	UTILIZATION OF INDUSTRIAL MINERALS AND BY-PRODUCTS IN THE PRODUCTION OF CERAMIC MATERIALS FOCUSING ON CO2 EMISSIONS REDUCTION	Greece
R Muigai M Alexander	Contribution of the Durability Index Approach towards Sustainable Concrete Structures	South Africa
M. A. B Othuman Mydin Y. C Wang	BEHAVIOR OF LIGHTWEIGHT FOAMED CONCRETE BASED SYSTEMS WHEN EXPOSED TO HIGH TEMPERATURES	United Kingdom

Bella Nabil Assroun Aissa Bella Ilham Aguida	The effectiveness of different solutions to reduce plastic shrinkage in hot climate concreting using design of Experiment method approach	Algeria
Tarun R. Naik Rakesh Kumar Rudolph N. Kraus Ken Ladwig	CARBONATION: AN EFFICIENT ECONOMICAL AND VIABLE PROCESS FOR CO ₂ SEQUESTRATION	United States
Rudolph N. Kraus Tarun R. Naik Yoon-moon Chun	AN INVESTIGATION REGARDING UTILIZATION OF POWDERED GYPSUM-WALLBOARD IN CONCRETE	United States
Rudolph N. Kraus Tarun R. Naik Rakesh Kumar Bruce W. Ramme	Effect of High-Carbon Fly Ash on the Electrical Resistivity of Fly Ash Concrete Containing Carbon Fibers	United States
By Tarun R. Naik Rudolph N. Kraus Rakesh Kumar	CO ₂ Sequestration in Non-air Entrained Concrete	United States
Rakesh Kumar Tarun R. Naik	Sustainable Concrete with Industrial and Post-Consumer By-Products	United States
Hikaru Nakamura	Analysis on cracking propagation during life of concrete structures using RBSM	Japan
Demetris Nicolaidis Antonis Kanellopoulos Andreas Partaourides	Investigation of the successful reuse of concrete rubbles as Recycled Concrete Aggregates (RCA)	Cyprus
R.M. Nidzam J.M. Kinuthia	Sustainability – Lightweight Building Components from Waste	United Kingdom
M. Nili A. Ehsani K. Shabani	Influence of colloidal nanosilica and microsilica on Strength and absorption properties of concrete	Iran
Hamed Niroumand	Investigation Of Straw Earth Brick In Compressive Strength	Malaysia
Hamed Niroumand	Performance Of Earth Bricks With Shred Tires	Malaysia
Hamed Niroumand	The Earth Brick and Fiber Plastics	Malaysia
Takafumi Noguchi	Toward Sustainable Resource Recycling in	Japan

	Concrete Society	
S. O. Nwaubani A.Katsanos M. Mulheron	Corrosion Resistance of Reinforced Concrete Exposed to Calcium Acetate De-Icing Salt.	United Kingdom
Jonathan O'Donnell Craig H. Benson Tuncer B. Edil	TRACE ELEMENT LEACHING FROM PAVEMENTS WITH FLY ASH-STABILIZED BASES AND SUBGRADES: EXPERIENCE IN THE MIDWESTERN US	United States
Dellé Odeleye Brian Menzies	Sustainable Materials: Quality Perceptions & Implementing Resource Efficiency – The UK Planning Perspective	United Kingdom
O.L. Oke T. Parry N.H. Thom G.D. Airey	Laboratory Ageing Protocols for Asphalt Recycling in Hot Climates	United Kingdom
J M Ortega I Sanchez M A Climent	Influence of environmental conditions on the durability properties of slag cement mortars	Spain
Mohamed Osmani	Potential applications of glass reinforced plastic waste in concrete composites	United Kingdom
I. Papayianni	High strength concrete with high volume of calcareous fly ash	Greece
I. PAPAYIANNI E. ANASTASIOU	CALCAREOUS FLY ASH AS STABILIZER OF SOIL	Greece
I. PAPAYIANNI E. ANASTASIOU M. PAPACHRISTOFOROU	HIGH PERFORMANCE CONCRETE FOR PAVEMENTS WITH STEEL SLAG AGGREGATE	Greece
T. Parhizkar A.M. Raiess Ghasemi A.R. Pourkhorshidi A.A. Ramezani pour	Influence of fly ash and dense packing method for increase durability of high performance concrete against to acid corrosion	Iran
Charles E. Pierce Randall Brown Samuel Foster	Engineering Properties of Controlled Low-Strength Materials with Recycled Organic Aggregate	United States
I. S. Pinheiro L. C. Montenegro A. G. Gumieri	pozzolanic activity of recycled red ceramic bricks	Brazil

Rob B. Poldera b Timo G. Nijlanda Greet Leegwatera Joe A. Larbia Jeanette H.M. Vissera Siska L.A. Valckea	HIGH FILLER CONCRETE USING FLY ASH: CHLORIDE PENETRATION AND MICROSTRUCTURE	The Netherlands
Homayoon Sadeghi Pouya Essie Ganjian Tayebeh Parhizkar Arash Zamani	Properties and application of polymer modified and sulphur repair mortars in the aggressive environment of the Persian Gulf	United Kingdom
Salvatore Lo Presti	PET ARTIFICIAL AGGREGATE TO MANUFACTURE LIGHTWEIGHT CONCRETE	Italy
Salvatore Lo Presti Maurizio Barbara Salvatore Cutaia Francesco Di Paola Serena Mineo Francesco Provenzani	Artificial and lightweight aggregate realized with cementitious paste or mortar encircling a nucleus of EPS to manufacture structural concretes. Its possible application developments.	Italy
A. Princigallo	USING DEALUMINATED METAKAOLIN IN CONCRETE AS MICROSILICA SUBSTITUTE	Italy
Pedro Quiroga Nancy Torres	CONCRETE WITH AGGREGATES FROM CONSTRUCTION AND DEMOLITION WASTE IN COLOMBIA	Columbia
Phung Trong Quyen K. van Breugel Z. Guo G. Ye	The Earlier Hydration of Blended Cements using Micronized Sands as Partial Replacement of Portland Cement	The Netherlands
Marc Rached David Fowler Eric Koehler	Use of Aggregates to Reduce Cement Content in Concrete	United States
L. Raki	Properties of Concrete Containing New Supplementary Cementing Materials	Canada
A.A. Ramezaniانpour E.Aramoon S.Mirvalad	Natural Pozzolans role in enhancing the concrete durability against chloride attack	Iran
A.A. Ramezaniانpour E.Aramoon S.Mirvalad	Effect of four Iranian Natural Pozzolans on concrete durability against sulfates	Iran

	attack	
Ali A. Ramezaniapour E. Ghasvand I. Nickseresht	Engineering properties and durability of concretes containing lime stone cements	Iran
A.A.Ramezaniapour P.Pourbeik F.Moodi M.Mahdikhani	MECHANICAL PROPERTIES AND DURABILITY OF CONCRETES CONTAINING RICE HUSK ASH AS SUPPLEMENTARY CEMENTING MATERIAL	Iran
Adam C. Ramme Bruce W. Ramme	HIGH-VOLUME FLY ASH STRUCTURAL GRADE CONCRETE for use in TRANSMISSION STRUCTURE FOUNDATIONS	United States
Bruce W. Ramme Tarun R. Naik Rudolph N. Kraus	AN INVESTIGATION OF CO2 SEQUESTRATION THROUGH MINERALIZATION	United States
Robert Rathbone David Rust Adam Peterson Kamyar Mahboub Thomas Robl	Fluidized Bed Combustion Ash Utilization: II. CFBC Bottom Ash as a Cementitious Material.	United States
D. V. Reddy Diana Arboleda Khaled Sobhan	Use of Hybrid Rice Husk Ash/Fly Ash as Sustainable and Green Supplementary Materials for Concrete in the Marine Environment	United States
Alan Richardson Kathryn Coventry	Early life freeze/thaw durability of Type 1 polypropylene fibre and ground granulated blast furnace slag concretes.	United Kingdom
Thomas Robl Kamyar Mahboub Will Stevens Robert Rathbone	Fluidized Bed Combustion Ash Utilization: I. CFBC Fly Ash as a Pozzolanic Additive to Portland Cement Concrete.	United States
Harry Roedel	Proposed Clay and Light Clay bricks in New Zealand (Eco Buildings)	New Zealand
Vito ALUNNO ROSSETTI Luca DI PALMA Antonella FERRARO	Production of aggregate from non metallic Automotive Shredder Residues	Italy
MariaLetizia Ruello Saveria Monosi Gabriele Fava	Leachability and Compressive Strength Relationship of Portland Cement Mortar Containing	Italy

	Supplementary Paper Mill Sludge Ash	
Alina Ruxandra	Use of recyclable by-products in construction materials. Innovative and non-traditional materials.	romania
A. Sadrmomtazi A.M.Mirgozar langroudi A.K. Haghi	Durability of lightweight expanded polystyrene aggregate concretes	Iran
A. Sadrmomtazi A. Barzegar F. Blalaei	Assessment of the effect of nano-SiO ₂ on physical and mechanical properties of self-compacting concrete containing rice husk ash	Iran
A. Sadrmomtazi F. Kheirkhah A.K. Haghi	Properties of Rice Husk Ash Concrete Containing Nano-SiO ₂	Iran
A. Sadrmomtazi A. Fasihi	Influence of the nano-SiO ₂ and waste polypropylene fibers on the mechanical strength of cement composite mortars	Iran
T. Saeki K. Sasaki	A hydration model of fly ash	Japan
John Sager	U.S. EPA Coal Combustion Product Partnership Program	United States
Behrooz Saghafi Hassan Al Nageim Nizar Ghazireh Howard Robinson	PFA-Lime and GBS in Reclaiming the Loss in the Resilient Modulus of Road base Material Containing Extra Limestone Dust	United Kingdom
Behrooz Saghafi Hassan Al Nageim Shaun Friel Nizar Ghazireh	New Activator to PFA used in Fly Ash Bound Mixtures (FABM) and High Dust Subbase Materials	United Kingdom
Safwat Said	Influence of micaceous filler on performance of asphalt concrete	Sweden
M. Saidani S. George F. Dan-Jumbo	A novel Aer-Tech material: characteristics and experimental programme	United Kingdom
Kaname SAITOH Hiromi FUJIWARA Masanori MARUOKA Erika OGURA	Study on development for high-strength concrete with a reduction in environmental load	Belgium
Etsuo Sakai Eiji Maruya	Material design of cement for increased waste usage and reduction of CO ₂	Japan

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Koji Sakai	Concrete and Sustainability	Japan
Kazuya Sakamoto Koji Takasu Yasunori Matsufuji	Pore Structure and Strength Contribution of fly ash in The Concrete Using High Volume Fly Ash as A Part of The Fine Aggregate	Japan
ZIAD M. SALAMEH	Use of Glass Fiber Reinforced Concrete (GFRC) for Sustainable Rehabilitation of Historic Buildings	United States
Aleksander Samarin	Towards Better Understanding of the Amorphous Silica – Alkali Reactions and the Means of Prevention of the Glass Aggregate Expansion in Concrete	Australia
I. Sánchez T.S. Albertos J.M. Ortega M.A. Climent	Influence of environmental conditions on the durability properties of fly ash cement mortars	Spain
Alicia Moral Santa-Olalla	Environmental properties variability of MSWIBA as alternative aggregate in road construction	Spain
V.R. Schaefer J.T. Kevern K. Wang	Pervious Concrete Overlay Design Construction and Performance	United States
G De Schutter D Feys R Verhoven	Estimation for the ecological profit for a concrete tube factory shifting its production to self- compacting concrete technology	Japan
Shohei Seiki Tatsuya Nukushina Seddik Meddah Ryoichi Sato	Effectiveness of porous ceramic waste as an internal curing material against Fly Ash Concrete	Japan
Sanjaya Senadheera	Material systems for sustainable civil engineering design: A course syllabus delivery and student feedback.	United States

Sara SGOBBA Giuseppe Carlo MARANO Massimo BORSA	EMPLOYMENT OF RUBBER PARTICLES FROM RECYCLED TYRES AS CONCRETE AGGREGATE FOR ENGINEERING APPLICATIONS	Italy
Surendra Shah Nathan Tregger	Application of nanotechnology for sustainable concrete	United States
Yixin Shao Sam Wang	Market analysis of CO2 sequestration in concrete building products	Canada
C R Shearer N Yeboah K Kurtis S Burns	Investigation of fly ash biomass properties: Characterization and concrete durability performance	United States
Shamim A. Sheikh Jingtao Liu Michael Colalillo	DURABLE RETROFITTING OF CONCRETE STRUCTURES	Canada
Akira Shigematsu Ryoichi Sato Tatsuya Nukushina Mamoru Kimura	Properties of B-Type Blast Furnace Slag Cement Concrete Cured Internally by Ceramic Roof Material Waste	Japan
Hak-Chul Shin Zhifu Wan	Effects of SCM on Shear Bond Strength	United States
Robin Shirley Leon Black	Creating Geopolymer Systems for the Immobilisation of Waste Streams- a Win Win Situation	United Kingdom
Marcia Silva Tarun R. Naik	SUSTAINABLE USE OF RESOURCES – RECYCLING OF SEWAGE TREATMENT PLANT WATER IN CONCRETE	United States
Flávio de Andrade Silvaa Barzin Mobasherb Romildo Dias de Toledo Filhoc Viktor Mechtcherinea	Natural Fiber Reinforced Cement Composites: a Proven Reality	Germany
Mark Singleton John Hutchinson	The Development of FRP Composites in Building Construction	United Kingdom
Gintautas Skripkiūnas Audrius Grinys Eugenijus Janavičius	Porosity and durability of rubberized concrete	Lithuania
Zdenek Snirch Jiri Bydzovsky	New possibilities of cooling towers diagnostics and repairs for increasing a service life	Czech Republic

Zdenek Snirch Jiri Bydzovsky	COATING SYSTEMS FOR CONCRETE SURFACE PROTECTION	Czech Republic
Mia Wimala Soejoso Kenji Kawai Akihiro Fujiki Yusuke Aoki Yuta Iwatani	SENSITIVITY ANALYSIS OF PARAMETERS RELATED TO THE CO2 EMISSION IN CONCRETE INDUSTRY	Japan
Mohammed Sonebi	Rheology of pseudo-plastic grouts containing viscosity modifying agent and ground granulated blastfurnace slag	United Kingdom
K. J. Owens Y. Bai D. Cleland P.A.M. Basheer J. kwasny M. Sonebi S. Taylor A. Gupta	Activation of High Volume Fly Ash Pastes using Chemical Activators	United Kingdom
MN Soutsos KK Tang SG Millard	The Use of Recycled Demolition Aggregate in Precast Concrete Products	United Kingdom
Issam Srour Ghassan Chehab Elie Awwad Wai Oswald Chong	The use of sustainable materials and techniques in the context of the Lebanese construction industry.	Lebanon
Miguel P. Stehling Abdias M. Gomes	CO2 Emissions From Cement Manufacture Industry in Minas Gerais Brasil	Brazil
Thorsten Stengel	On the way to more sustainable concrete structures	Germany
Alexander Yu. Stepanov	HAZARD LOADINGS ON BUILDING MEMBERS AND EVALUATION OF HUMAN AND MATERIAL LOSSES	Russia
Valentina F. Stepanova	COMPOSITE NONFERROUS REINFORCEMENT FOR BUILDING STRUCTURES	Russia
Valentina F. Stepanova	CARBONATION PROCESS IN CONCRETE UNDER AGGRESSIVE CARBON DIOXIDE ATTACK	Russia
Larry Sutter Karl Peterson Jacob Vermillion	Impact of Hydrated Cement Paste Quality and Entrained Air-Void System on the Durability of Concrete	United States

Šyc Michal Pohořelý Michael Punčochář Miroslav Fišerová Eva Pekárek Vladimír	Fly Ash Treatment Technology in Modern Waste Incineration Plant	Czech Republic
Koji TAKASU Yasunori MATSUFUJI	Strength Property of The Concrete Using High Volume Fly Ash as a Part of The Fine Aggregate Under 40 °C Air Curing	Japan
Issam Takla Nicolas Burlion Jian-Fu Shao André Garnier	Experimental study of the effects of CO2 on multiaxial mechanical behaviour and permeability of an oilwell cement	France
P Valdez Tamez G Fajardo San Miguel M Torres Lopez L A Villeda Wong	Influence of mechanically activated fly ash on the durability of reinforced concrete	Mexico
Prasanth Tanikella Jan Olek	Incorporating Physical and Chemical Characteristics of Fly Ash in Statistical Modeling of Binder Properties	United States
Michael Thomas	Optimizing the Fly Ash Content for Sustainability Constructability and Durability	Canada
Michael Thomas	Sustainable Concrete Construction in a Marine Environment	Canada
F. Tittarelli G. Moriconi	RE-USE OF GRP INDUSTRIAL BY-PRODUCT IN CEMENT BASED MATERIALS	Italy
F. Tittarelli S. Monosi M.L. Ruello G. Moriconi	Effect of different types of Used Foundry Sands on mechanical performance of cement mortars	Italy
İ.B.Topçu T. Bilir İ. Yüksel	Effects of Blast Furnace Slag and Bottom Ash to Concrete Durability	United Kingdom
İ.B. Topçu T. Bilir H.Kuşan	Life Cycle Assessment of Concrete Using Adaptive Neuro-Fuzzy Inference Systems	Turkey
Javad Torkaman Seed Mehdi Fatehmy	Investigation on the properties of particleboard were made with rice husk and urea formaldehyde resin	Iran

François Toutlemonde	Some new structural applications of UHPFRC towards more durable and sustainable road bridges	France
Aline Troian Marlova P. Kulakowski Cláudio S. Kazmierczak	CHLORIDE IONS PENETRATION IN CONCRETE WITH RECYCLED CONCRETE AGGREGATE.	Brazil
S. TSIMAS	INCORPORATION OF CCP'S IN CEMENT AND CONCRETE. THE HELLENIC CASE	Greece
Tamon UEDA	External Bonding: An efficient method to achieve long life	Japan
Mahdi Valipoura Farhad Pargarb Mohammad Shekarchic	Chloride diffusion assessment in nine months non pozzolanic concrete specimens in Persian Gulf	Iran
Mahdi Valipoura Farhad Pargar Mohammad Shekarchi	Investigating Chloride Threshold Value of Concrete Specimens containing Natural Pozzolan Zeolite in Persian Gulf	Iran
Mahdi Valipoura Farhad Pargar Mohammad Shekarchi	Comparison of chloride diffusion in three months concrete specimens containing zeolite and silica fume pozzolans in the Persian Gulf Region	Iran
H.A. van der Sloot J.C.L. Meeussen D.S. Kosson O. Hjelmar	Use of Chemical Speciation and Reactive Transport to Predict Leaching from Coal Combustion Residues in Construction Applications	The Netherlands
Nguyen Van Tuan Zhanqi Guo Guang Ye Klaas van Breugel	Apparent activation energy of cement blended with rice husk ash	The Netherlands
Dana Vanier Thomas Froese	Sustainable Management of Core Public Infrastructure	Canada
G. VARDAKA S. TSIMAS	RECYCLING OF DEMOLITION WASTES IN PERVIOUS CONCRETE.	Greece
Enric Vazquez Marilda Barra	DURABILITY AND ENVIRONMENTAL IMPACT OF RECYCLED CONCRETRES	Spain
František Vodák Vítězslav Vydra Karel Trtík Olga Kapičková	Verification of the hypothesis about carbonation of hardened cement paste	Czech Republic

G. VOLA E. LOVERA R. TEZZA	RE-USE OF BY-PRODUCTS OF THE "LUSERNA STONE" FOR CONSTRUCTION MATERIALS: TECHNOLOGIES ENVIRONMENTAL SUSTAINABILITY AND ECONOMIC FEASIBILITY	Italy
Yu.S.Volkov L.A.Malinina	PRODUCTION AND USE OF CONCRETE AND REINFORCED CONCRETE AS AN ECOLOGICAL DOMINANT	Russia
Daniel M. Vruno	no title given (I35 W)	United States
Johan Vyncke Jeroen Vrijders	Recycling of Construction and Demolition Waste in Belgium. State-of-the-art and opportunities for technology transfer	Belgium
J. Wang K. Van Tittelboom N. De Belie W. Verstraete	Potential of applying immobilized Bacillus sphaericus to heal cracks in concrete autonomously	Belgium
Y. WANG Z. Q. GUO K. van BREUGEL	STUDY ON CEMENT PARTIALLY REPLACED BY MICRONIZED SANDS	The Netherlands
Wataru Itoh Kei-ichi Imamoto Akio Tanaka	Internal Curing effect of Artificial Lightweight Aggregate on Green Concrete comprising Pulverized Waste Plasterboard Ground Granulated Blast Furnace Slag and Fly Ash	Japan
Mahmoud Wazne Dennis G. Grubb	THE USE OF STEEL AND BLAST FURNACE SLAG FINES TO IMMOBILIZE HEAVY METALS IN FIRING RANGE SOILS	United States
Charles A. Weiss Philip G. Malone Michael L. Koenigstein	Vitreous-Ceramic Bonding Enamel: The Key to Strengthening Reinforced Concrete by Carbon Dioxide Sequestration	United States
Ana Paula Werle Claudio de Souza Kazmierczak	CARBONATION IN CONCRETE MADE WITH COARSE RECYCLED CONCRETE AGGREGATES	Brazil
H.G. Wheat	Effect of Fly Ash Replacement on Corrosion of Steel in Concrete-An	United States

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Christopher James Whitman Daniela Fernandez Holloway	The viability of improving energy efficiency and hicrothermic comfort of rural social housing in central Chile using straw bale construction.	Chile
Michael Wistuba Katharina Metzker	Laboratory results from wax modification of bitumen	Germany
A.J. Wright	Embracing Sustainable External Walling – The Economic and Environmental Impact	United Kingdom
L Wright J M Khatib P S Mangat	Effect of Simulated Desulphurised Waste Content on Resistance to Sodium Sulphate	United Kingdom
Shilang Xu Xiufang Zhang	Influence of UHTCC ductile layer thickness on flexural behavior of UHTCC layered concrete composite beams	China
Wang Xudong	Research on optimal design of the cement bound grading macadam for over-load traffic	China
Wang Xudong	Research on volumetric characteristics of the asphalt mixture through GTM	China
T. Yamada Y. Sato H. Okada T. Otani K. Ueda Y. Akiyoshi	Development of Production Method for Carbon-free Fly Ash (CfFA) and Properties of Concrete Containing CfFA	Japan
Satoru YAMAMOTO Kenkichi TASHIRO Yoshiko HOSODA Kouji ISHII Hiroshi SEKI	Experimental Consideration on Corrosion Protection Criterion of RC Members under Humid Conditions	Japan
Yatsen J. S. Maldonado Savastano J. Holmer	EXTRUDED CEMENT COMPOSITES REINFORCED WITH RESIDUAL FIBERS	Brazil
N. Yazdani M. Filsaime T. Manzur	Effect of Steam Curing on Concrete Piles with Silica Fume	United States
Guang Ye Walter de Vries Klaas van Breugel	Use of Micronized Sand as Replacement of Portland Cement - Modelling the Hydration	The Netherlands

	Process and Microstructure Development	
Kyu-Seok Yeon Yoon-Sang Choi	Mechanical Properties of Recycled Polymer Concrete Using Crushed Polymer Concrete as a Aggregate	Korea
JIA HUAN YU LI YANG	The Influence of Fly Ash Content on Microstructures. Mechanical Properties and Environmental Impacts of Engineered Cementitious Composites (ECC)	China
İ. Yüksel İ.B. Topçu T. Bilir	EFFECTS OF THE REPLACEMENT OF INDUSTRIAL BY-PRODUCTS AS FINE AGGREGATE IN CONCRETE TO CHLORIDE PENETRATION	Turkey
Jiri Zach Jitka Hroudova	Utilization of technical hemp for thermal insulating materials production	Czech Republic
John Zachar	More Sustainable and Economical Precast and Prestressed Concrete Through the Incorporation of Fly Ash as a Cement Replacement	United States
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Min-Hong Zhang Kåre Reknes	Effect of Superplasticizers on Workability Retention and Initial Setting Time of Cement Pastes	Singapore
Xiufang Zhang Shilang Xu	Evolution of neutral axis depth in reinforced flexural components made of ultra high toughness cementitious composite	China
A.Zhiv B. Isakulov Y. Zhiv.	Practical experience and prospects for production of foamed concrete taking advantage of the use of cotton - cleaning industry waste	Russia
Morteza Zohrabi Seema Karami	PERFORMANCE REQUIREMENTS FOR THE USE OF RECYCLED AND	United Kingdom

	ALTERNATIVE AGGREGATES IN ASPHALT PAVEMENTS	
E. Zornoza P. Garcés M.V. Borrachero J. Payá	DURABILITY PROPERTIES OF REINFORCED MORTARS OF CEMENT PARTIALLY SUBSTITUTED WITH SPENT CATALYTIC CRACKING CATALYST (FC3R)	Spain