

Index

AUTHOR

A

Musa Abdalla, 745
 Mokhles Tawfeeq AbdulAmeer, 691
 Samer Mohammed AbdulHaleem, 691
 Mohammed N. Abdulrazaq, 181
 Muhammad Sonny Abfertiawan, 481
 Adriaan, 81
 Didi Supriyadi Agustawijaya, 651
 Clarissa Akyla, 399
 Mohammad Al-Ajmi, 881
 Susanti Alawiyah, 153
 Salam Al-Baradie, 745
 Mohammad Alhajji, 855
 Muhammad Faris Al-Hakim, 598
 Montasir Osman Ali, 166
 Ghusoon M. Ali, 242
 Abdalnaser M Al-Sabaei, 385
 Adel S.M.A Alsaeed, 598
 Salah Al-Zubaidi, 181
 Wisnu Ananda, 81
 Anawati Anawati, 609
 Norkhairah Anuar, 222
 Norkhairiyah Anuar, 222
 Rina Aprishanty, 732
 I Made Arcana, 28
 Azmah Hanim Mohamed Ariff, 677
 Mohd Khairol Anuar Mohd Ariffin, 598, 881
 Budi Arifvianto, 1
 Teguh Ariyanto, 424
 Melania H. Aryantie, 732
 Faieza Abdul Aziz, 598

B

Satish Shenoy B, 565
 Sandhya Babel, 95, 534
 Nura Bala, 385
 Pham Ngoc Bao, 481

Rajesh K Bayar, 289
 Mehran Sanam Bhatti, 222
 Wiratni Budhijanto, 196
 Bambang Budiono, 837
 Bunbun Bundjali, 28

C

Jo Shu Chang, 121

D

Simone Rosa da Silva, 108
 Alisson Caetano da Silva, 108
 Hafif Dafiqurrohman, 546
 Mohammed O. Dawood, 242
 Eyup Debik, 413
 Deendarlianto, 196
 Hary Devianto, 81, 370
 Haizhou Ding, 468
 Tatacipta Dirgantara, 765
 Mila Dirgawati, 271
 Mitra Djamal, 891
 Qi Dong, 779
 Zuo Dunwen, 821

E

Zainidin Eshkuvatov, 665

F

Moh Fahrurrozi, 424
 Faizah, 66
 Symone M.P. Falcão, 108
 Fandi A. Fathoni, 707
 Umar Fauzi, 153
 Fitrilawati, 891
 Yunus Fransiscus, 867

G

Gaurav Gulabani, 565
 Indra Gunawan, 153
 Melia L. Gunawan, 584

H

Andreas Haarstrick, 534
 Ahmed El Hadki, 413
 Muhammad Fahmi Hakim, 481
 Ahmad Nurul Hakim, 501
 Jam'ah Halid, 765
 Izhal Abdul Halin, 881
 Fauziah Shahul Hamid, 222, 436
 Khairum Hamzah, 665
 Ardiyan Harimawan, 370
 Abdulrahman Haruna, 166
 Sani Haruna, 166
 Ehssan S. Hassan, 242
 Maan S. Hassan, 242
 Jun Hayakawa, 51
 Yudi Herdiansah, 837
 Risqi Faris Hidayat, 51
 Syarif Hidayat, 765
 Wildan M. Hidayatullah1, 707
 To Thi Hien, 208
 Wang Hongfeng, 821
 Alwi Husein, 707

I

Bork Ilsemann, 370
 Susi Indriyani, 399

J

Ghofran S. Jaffar, 449
 Nursayyidah Ainun Jahsy, 137
 Nawras Jameel Jassim, 14
 Janardanan Sarasamma
 Jayakumar, 621

K

Wawan Gunawan A. Kadir, 153
 Jakrapong Kaewkhao, 891
 Dinuka Kankanige, 95
 Mahdi O. Karkush, 449
 Laksmi Dewi Kasmiarno, 121
 Ni Nyoman Kencanawati, 651
 Mohd Khairul Hafiz Muda, 881
 Khoiruddin, 501
 Chandrakant R Kini, 289

Takashi Kiyota, 51
 Grandprix T.M. Kadja, 584
 Pradyumna Kodancha, 289
 Dadan Kosasih, 546
 Hilham Zamriko Koto, 81
 Pankaj Kumar, 481
 Deddy Kurniadi, 514
 Alex Kurniawandy, 310
 Mipi Ananta Kusuma, 765
 Djoko Kuswanto, 798

L

A'liya Abdul Laziz, 677
 Zhanfu Li, 779
 Shengrong Liu, 779
 Hongming Lyu, 468

M

Muslim Mahardika, 1
 I Gusti B.N. Makertihartha, 584
 Yusuf Eka Maulana, 271
 Norkhairunnisa Mazlan, 677
 Sandro Mihradi, 765
 Aswati Mindaryani, 196
 Musa Mohammed, 166
 Suzana M.G.L. Montenegro, 108
 Micaella R.F. Moura, 108
 Julfikhsan Ahmad Mukhti, 331
 Rino R. Mukti, 584
 Faizal Mustapha, 881
 Bayu Agus Mustofa, 385
 Anies Mutiari, 81

N

Shoji Nakazawa, 310
 Ravi Naldi, 609
 Florensia Irena R. Napitupulu, 399
 Hasbullah Nawir, 51, 907
 Sun Theo Constan Lotebulo
 Ndruru, 28
 Alfredo Ribeiro Neto, 108
 Nguyen Thao Nguyen, 208
 Nguyen Thi Thanh Nhon, 208
 Nik Mohd Asri Nik Long, 665

Suprihanto Notodarmojo, 271
Isdiriyani Nurdin, 81

O

Daniel Dixon Octora, 343

P

Anand Pai, 289
Benny Arif Pambudiarto, 196
Agamuthu Pariatamby, 222
Endang Prangdimurti, 399
Imam Prasetyo, 424
Bagus Eko Prasetyo, 907
Doni Priambodo, 639
Jiafei Pu, 779, 821
Budi Purwanto, 732
Yustina M Pusparizkita, 370
Prama Setia Putra, 271
Arief Wildan Naro Putra, 546

Q

Do Thi Thuy Quyen, 208

R

Jayakrishnan Radhakrishnan, 565
Sri Raharno, 765
Juniastel Rajagukguk, 891
Rhenny Ratnawati, 66
Mike Reich, 370
Ike Sri Rejeki, 765
Lieke Riadi, 867
Muhammad Riyansyah, 343
Jenny Rizkiana, 137
Dwina Roosmini, 271
Nengsi Rova, 501
Inga Shaffira Rubani, 137
Dadang Rukanta, 765

S

Andhika Sahadewa, 907
Urip Agus Salim, 1
MY Alief Samboro, 798
Yongky Sanjaya, 639
Wibawa Hendra Saputera, 137

Raj Sarath, 621
Prasanti Widyasih Sarli, 639
Dwiwahju Sasongko, 137
Pani Satwikanitya, 424
Muhammad Sayuti, 855
Wolfgang W Schmahl, 370
Norazak Senu, 665
Tjandra Setiadi, 370
Herlien D. Setio, 639, 837
Muhammad Ismail Bagus Setyawan, 546
Nasir Shafiq, 166
Haroun A.K. Shahad, 691
Beegum Shahnaz Abdul Karim, 565
Liu Shengrong, 821
Indra Djati Sidi, 837
Tuani L Simangunsong, 867
Made Suarjana, 343
Subagjo, 584
Reza Widiyanto Sudjud, 765
Farida Suhud, 867
Shamsuddin Sulaiman, 598, 855
Sulistiyani, 399
Prihadi Sumintadireja, 258
Ade Sunardi, 181
Sri Sunarjono, 385
Sungkono, 707
Suprijanto, 514
Adi Surjosatyo, 546
Mohamad Rangga Sururi, 271
Hesty Susanti, 514
Muslich Hartadi Sutanto, 385
Suyitno, 1

T

Anh Tuan Ta, 534
Naoto Tada, 51
Adrian Hartanto Tandias, 137
Rian Mahendra Taruna, 651
Putu Teta Prihartini Aryanti, 50
Vo Thi Minh Thu, 208
Hari Tjahjono, 765
Xin Tong, 779

U

Kubra Ulucan-Altuntas, 413
 Mhd Ridho Utomo, 81
 Hari Utomo, 765

W

Wang Jia, 436
 Hongfeng Wang, 779
 Warsa, 258
 Masithoh N. Wasilah, 707
 Napat Watjanatepin, 805
 Song Weiwei, 821
 I Gede Wenten, 501
 Pramujo Widiatmoko, 81
 Yekti Widyaningrum, 707
 Yosinta Eka Widyaningtias, 331
 Christofora Hanny Wijaya, 399
 Hijir Della Wirasti, 331
 Winny Wulandari, 137
 Andojo Wurjanto, 331

Y

Lisa Amanda Yakhin, 399
 Lia Yuliantini, 891
 Mohd Zuhri Mohd Yusoff, 677

Z

Mohamad Zaenudin, 181
 Rozainah Mohamad Zakaria, 436
 Qiang Zhu, 468
 Mohammad Zuber, 565
 Zulfachmi, 732

SUBJECT**2**

2018 Lombok earthquake, 651, 655,
 657, 660

3

316L stainless steel, 1, 2, 3, 4, 6, 7, 8,
 9, 10, 12

A

adsorption, 121, 123, 124, 126, 127,
 128, 129, 130, 131, 132, 133, 424,
 425, 426, 427, 428, 429, 430, 432,
 433, 434, 436, 546, 548, 549, 553,
 554, 555, 556, 559, 560, 563
 aeration, 196, 197, 199, 203, 204
 airborne wind energy systems, 565,
 567, 568, 574, 575
 Al-Ni, 181, 182, 183, 184, 185, 186,
 187, 188, 189, 190, 191, 192, 193,
 194
 Al-Si-Cu, 855, 856, 865
 alternative MT modeling, 258
 aluminum alloy, 821, 822, 823, 824,
 825, 827, 833
 aluminum composite, 855
 anaerobic digestion, 867, 868, 869,
 873, 875, 876, 878
 analytical network process, 166,
 168, 178
 andaliman, 399, 400, 401, 402, 403,
 404, 405, 406, 407, 408, 409, 410,
 411
 anechoic chamber, 732, 733, 736,
 743
 anomaly enhancement, 258
 aquatic ecosystems, 222, 223, 224
 aromatic, 584
 Asia, 331, 333, 334
 ATR-FT-IR spectroscopy, 95, 96, 98,
 106
 augmented reality (AR), 598, 599,
 600, 601, 602, 603, 604, 605, 606,
 607
 axial compression, 907, 908, 909,
 913, 922
 axial extension, 907, 908, 909, 913

B

Bangkok, 534, 535, 536, 537, 538,
 542
 beach sand, 208, 210, 211, 216
 beam-column connections, 837

- bentonite, 424, 425, 426, 428, 429, 430, 432, 433, 434
bioaccumulation, 437, 441
bio-corrosion, 370, 371, 372, 378
biodegradable polymer, 678
biofilm, 370, 371, 374, 375, 376, 378, 379, 380, 381
biogas introduction, 867
bio-hydrocarbon, 584
biomass filter, 546, 548
biomass gasification, 546, 547, 548
biopolymer electrolyte, 28, 30, 31, 32, 33, 34, 35, 38, 39, 40, 42, 43, 44
bisphenol A removal, 413
blow-off, 691, 692, 693, 694, 695, 696, 697, 700, 701, 702, 704, 705, 706
Boa Viagem beach, 108, 111, 117, 118
bonded dissimilar materials, 665, 666, 667, 668
borate glass, 892, 894
brake pressure, 468, 469, 475, 477, 478, 479
bridge pier, 343, 344, 346, 348, 362, 363, 365, 368, 369
building seismic coefficient, 651
- C**
calorific value, 137, 138, 141, 144, 145, 150
Capibaribe river, 108, 111, 112, 117
carbon-based, 81
catalytic cracking, 584
Celosia plumosa, 66, 68, 69, 70, 71, 72, 74, 76, 77, 78, 79, 81
cement, 242, 243, 244, 245, 246, 254, 255, 256
CFD, 779, 780, 785, 798
Chao Phraya River, 534, 535, 536, 537, 538, 539, 542, 545
characteristics, 867, 868, 870, 872, 873
chloroform forming potential, 271, 272
chlorophyll dye, 14, 16, 17, 18, 19, 23, 25
clarification, 501
coastal environments, 108
coating, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256
cobalt oxide, 424, 425, 434
combustion, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 691, 692, 693, 694, 700, 704, 705, 706
complex variable function, 665
compost, 66, 68, 69, 70, 73, 74, 75, 77, 78
concrete jacketing, 343, 344, 345, 346, 348, 354, 360, 363, 365, 369
conductance, 242, 243, 251, 254, 255, 256
confined aquifer, 51, 62, 63
Conocarpus lancifolius leaves, 14, 16, 17, 25
constructability, 837
construction, 166, 167, 168, 169, 170, 173, 174, 175, 178
conventional treatment, 272, 273, 280, 283, 285
corrosion resistance, 821
corrosion, 609, 610, 612, 617, 618, 619
COVID-19, 765, 766, 768, 775, 776, 777, 778
CPAP ventilator, 765, 766, 768
creep, 609, 610, 612, 615, 616, 619
crumb rubber, 385, 386
- D**
DCR, 707, 712, 713, 715, 716, 720, 721, 722, 723, 724, 726, 727
design, 166, 168, 170, 171, 172, 173, 175, 178
diffusion welding, 181, 182, 183, 185, 186, 187, 189, 193, 194
digital fabrication, 798

disc brake, 468, 469, 470, 471, 472, 473, 475, 479
 dissolved organic matter, 271, 272
 dissolved oxygen, 196, 197, 201, 203, 204, 206
 doctor blade method, 81, 87, 92
 drying, 399, 400, 401, 402, 404, 405, 406, 407, 408, 409, 411
 ductility, 310, 311, 312, 313, 316, 317, 327, 328, 329
 dye-sensitized solar cells (DSSCs) , 81, 82, 83, 84, 86, 87, 88, 89, 90, 91, 92

E

earthquake resistant structures, 837
 EGR, 289, 291, 294, 295, 297, 298, 299, 302, 303, 307
 EIS, 370, 371, 372, 373, 374, 380, 609, 612, 618, 619, 620
 electrochemical characteristics, 81
 electrode deposition methods, 81
 electro-oxidation, 413, 415, 421
 embankment, 449, 450, 451, 454, 455, 457, 458, 459, 461, 464, 465, 466
 embodied energy, 166, 167, 168, 169, 170, 172, 173, 175, 178
 energy spectral density, 514, 515, 521, 522
 environmental policy, 108
 ethylene, 424, 425, 427, 428, 432, 433, 434
 existing building, 310, 312
 extraction parameters, 14, 16, 20, 21, 25

F

failure criteria, 907, 908, 918, 919, 926
 feeding frequency, 867, 868, 869, 877, 879
 fibre surface treatment, 678
 flashback, 691, 692, 693, 694, 695, 696, 700, 701, 702, 703, 704, 705, 706

flavor, 399, 400, 401, 402, 403, 405, 406, 408, 410, 411
 flexure, 678
 floating offshore wind turbine, 565
 fluorescence DOM, 271, 272, 275
 flushing performance, 779, 780, 781, 782, 784, 785, 787, 788, 789, 790, 791, 792, 794, 796
 food waste, 867, 868, 869, 870, 871, 872, 873, 875, 878
 forward facing step, 621, 622, 623, 626, 638
 fouling, 501
 fractures, 707, 708, 721, 723, 724, 725, 726, 727
 friction stir welding, 821, 822, 823, 824, 825, 829, 833
 FTIR, 208, 212
 fuzzy control, 745

G

genetic algorithm, 153, 156, 158, 164
 gently sloping ground, 51
 geothermal sites, 121
 glass, 242, 243, 244, 245, 246, 247, 248, 249, 250, 252, 253, 254, 255, 256
 gold, 121, 126
 graphene oxide, 413, 414, 415, 421
 gravity inversion, 153, 154, 155

H

H₂ / air mixture, 692, 693, 694, 697, 702, 704, 705
 hard clam, 437, 438, 445, 446
 hardness, 501, 502, 503, 504, 505, 506, 508, 510, 511
 HCCI, 289, 290, 291, 292, 293, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311
 heat transfer, 621, 622, 623, 626, 629, 634, 635, 636, 637, 638, 639

heat treatment, 609, 610, 611, 615, 617, 618, 619
 high-rise building, 639
 highway wind turbines systems, 565
 home cultivator, 805
 humic, 271, 272, 273, 275, 276, 277, 278, 279, 282, 283, 284, 285
 hybrid composite, 855
 hydrocarbons, 370, 371, 377
 hypersingular integral equation, 665

I

indoor gardening, 805, 806, 807, 808, 809, 810, 811, 816, 818
 initial load, 343, 344, 345, 348, 349, 352, 354, 356, 358, 360, 363, 364, 366, 367, 368, 369
 inlet pressure, 289, 293, 294, 302
 inlet temperature, 289, 292, 295, 296, 297, 302
 interface slip, 343, 344, 345, 348, 349, 353, 354, 359, 360, 363, 364, 365, 369
 intermediate principal stress, 907, 908, 910, 913, 914, 918, 926
 irrigation control, 805, 810, 815
 ISO, 331, 333, 334, 336, 338, 339, 340, 341, 342
 IVC, 289, 293, 302

J

joinery, 798, 799

K

k-epsilon, 621
 knockdown, 798
 k-omega, 621
 k-omega SST, 621

L

landslide, 51
 laser, 892, 893, 902, 903
 lateral compression, 907, 908, 909, 913
 lateral extension, 907, 908, 909, 914

lateral spreading, 51
 LED artificial light, 805
 liquefaction damage, 51
 lithium perchlorate, 28, 31
 lithium-ion batteries, 28, 30, 31
 LM6, 855, 856, 857, 859, 861, 862, 863, 864, 865, 866
 locomotive mounted wind turbine, 565
 low velocity impact, 678, 688
 LPG, 692, 693, 694, 707
 luminescence, 892

M

magnesium alloy, 609
 mangrove, 222, 223, 225, 227, 232, 235, 436, 437, 438, 439, 442, 443, 446, 447
 mass transfer coefficient, 196, 201, 203, 206
 mercury, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79
 Meretrix lyrata, 436, 437, 438, 441, 444, 445
 methyl cellulose, 28, 30, 31, 33, 36, 38, 40, 41, 43, 45
 metocean, 331, 335, 337, 343
 microbial thermophilic, 121, 123, 132, 133
 micro-bubble generator, 196, 197, 205
 micro-plastics (MPs), 95, 96, 98, 99, 100, 101, 102, 104, 105, 106
 microplastics pollution, 222, 223, 227, 230, 231, 232
 microplastics, 208, 209, 212, 213, 214, 215, 216, 217, 218, 219, 220, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 436, 437, 438, 440, 441, 442, 443, 444, 445, 446, 447, 534
 microstructure, 609, 610, 611, 612, 615, 617, 821, 823
 mixed reality, 598, 599

mode frequency, 468, 469, 476, 479
 mode order, 468, 469, 477, 478, 479
 molecular dynamics simulation, 181, 182, 183, 184, 194
 moment-curvature, 343, 344, 348, 349, 363
 MT impedance, 258, 268

N

natural fibre, 678
 natural rubber latex, 386
 needle visibility, 514, 515, 520
 Nile Red, 95, 96, 97, 98, 101, 106, 107
 noble values, 765, 766, 772
 normal contact stiffness, 468, 470, 475
 numerical simulation, 449

O

on-site treatment, 482, 487, 489, 490, 495
 OpenFOAM, 621, 623, 624, 627, 638, 640
 optical microscope, 95, 97, 99, 100, 103
 organic loading rate, 867, 868, 869
 orifice, 196, 197, 198, 201

P

palm-oil, 584
 parameter identification, 468
 particle electrode, 413
 particle size, 137, 138, 139, 141, 150
 passive, 449, 450, 451, 455
 phytoremediation, 66, 68, 69, 72, 73, 74, 75, 78
 PID control, 745, 746
 PID tuning, 745, 755
 pile, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 465, 466
 pillared clay, 424, 425, 426, 427, 430, 431, 432, 434

pisotempFoam, 621, 624, 625, 627, 638
 pitting, 370, 371, 372, 374, 375, 376, 377, 380, 381
 PIV, 639, 644, 645, 646, 651
 plastic hinge model, 343, 344, 362, 366, 367, 368, 369
 plastic waste, 108, 109, 110, 111, 113, 114, 115, 118, 534
 portable sound reduction box, 733, 735
 power spectral density, 514, 515, 521, 522
 premixed flame, 692
 pressure drop, 546, 548, 553, 554, 556, 559, 560, 562, 563
 pressure, 181, 182, 183, 184, 185, 186, 187, 189, 192, 193, 194
 protein, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133
 PSO tuning, 745
 pushover analysis seismic index, 310
 pushover analysis, 343, 344, 360, 366

Q

quadcopter, 745, 746, 748, 750, 752, 756, 757, 758, 761, 762

R

RCS, 837
 Recife city, 108
 reconstituted sand, 908, 926
 reflectance introduction, 243
 regulatory sandbox, 766, 775
 renewable energy, 565, 566, 574, 881, 882, 883, 884, 889
 residence time, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150
 resistivity monitoring, 258

- resonance scattering, 514, 515, 516, 517, 518, 523, 524, 525, 527, 528, 529, 530, 532
- retrofit, 344, 347, 363
- RF data processing, 515
- rheological properties, 385, 386, 387, 388, 397
- rigid, 449, 451, 452, 454, 455, 457, 458, 459, 460, 462, 463, 465, 466
- river, 222, 223, 224, 225, 226, 227, 228, 230, 233, 234, 235
- RSM, 399, 400, 401
- rubberized bitumen, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397
- rubberwood waste, 137, 138, 139, 150
- rutting resistance, 385, 386, 387, 397
- S**
- sand-blasting, 1, 2, 4, 6, 7
- sandy soil, 449, 450, 451, 458
- sanitation, 481, 482, 483, 484, 485, 487, 494, 496, 497, 499
- Sansevieria trifasciata, 66, 68, 69, 70, 71, 72, 73, 74, 76, 77, 78, 80, 81
- SDGs, 108
- SEAFINE, 331, 333, 334, 335, 336, 338, 339, 340, 341, 343
- seepage, 707, 708, 709, 712, 715, 718, 721, 722, 724, 725, 726, 727
- seismic code, 651, 652, 654, 657, 658, 661
- seismic design parameters, 651, 652
- seismic performance, 343, 344, 346, 360, 361, 363, 367, 368, 369
- self-potential, 707, 708, 710, 712, 713, 715, 718, 719, 720
- SEM, 370, 372, 374, 376, 378, 381
- separator, 28, 29, 30, 31, 32, 38, 43, 45
- septage sludge, 482, 488, 489, 494, 497
- septic tanks, 481, 482, 485, 486, 488, 489, 490, 492, 494, 496, 497, 498
- shape parameters, 779, 780, 781, 785, 787, 794, 796, 797
- shot-blasting, 1, 2, 6, 7, 9
- signal envelope, 514, 515, 518, 519, 520, 528, 529, 532
- signal processing method, 707
- significant wave height, 331, 332, 336
- siphon pipe, 779, 780, 781, 782, 784, 785, 787, 788, 789, 790, 792, 793, 794, 796, 797
- site reconnaissance, 51
- size scale-up, 81
- slag ball-blasting, 1, 5, 6, 7
- snap-fit, 798, 799, 801, 802, 803, 804
- soil moisture contents, 805, 811
- solar photovoltaics, 881
- solar power, 881, 884, 885, 889
- solar wind turbine, 881
- solid waste management, 108, 109, 110, 113, 114, 115
- solvent extraction, 14, 16, 25
- sound insulation test, 733
- sound intensity, 732, 733, 735, 736, 737, 738, 741, 742
- sound reduction index, 732, 733, 741, 743
- spectral acceleration, 651, 652, 653, 654, 656, 657, 658, 659, 660, 661
- street canyon, 639, 646, 648
- strength, 310, 311, 312, 313, 315, 317, 318, 321, 322, 323, 325, 327, 328
- stress intensity factor, 665
- stress path, 908, 913, 921, 923, 924, 926
- subsurface modeling, 153
- surface and borehole gravity, 153, 155, 161, 164
- surface characteristics, 1, 2, 4, 12

survey, 166, 170

T

Taguchi design, 14, 16, 18
 tap water, 95, 96, 98, 101, 102, 105, 106
 tar removal, 546, 548, 553, 554, 556, 559, 562, 563
 temperature, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 148, 149, 150, 181, 182, 183, 184, 186, 187, 188, 189, 190, 192, 193, 194
 tensile strength, 821, 823, 827, 833
 thin film, 677, 678, 679, 681, 682, 683, 684
 three-dimensional electrode, 413
 Tien Giang, 208, 209, 210, 215, 217, 218, 220
 time lapse, 258
 time-lapse gravity, 153, 154, 156, 158
 toilet, 779, 780, 781, 782, 784, 785, 787, 788, 789, 791, 792, 793, 794, 796
 torrefaction, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 149, 150
 trivalent dysprosium, 892, 895
 tryptophan, 271, 272, 275, 276, 277, 278, 279, 280, 282, 283, 284, 285
 turbulence model, 621, 622, 623, 630, 639

U

ultrasound, 514, 515, 516, 518, 519, 520, 525, 528, 532
 unity, 598
 uptake, 436, 437, 438, 441, 445, 446, 447

V

v2-f, 621, 623, 624, 625, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638
 Vent-I, 765, 766, 767, 768, 769, 770, 771, 773, 774, 775, 776, 778, 779
 vertical axis wind turbine, 881, 884

vibration casting, 855, 860, 865
 Vietnam, 208, 209, 220, 221
 virtual reality, 598, 599, 600, 601, 606, 607
 void web, 837
 Vuforia, 598, 603, 604
 Vung Tau, 208, 209, 210, 215, 218, 220

W

wastewater, 482, 484, 486, 487, 488, 489, 491, 494, 495, 496, 497, 498, 501, 503
 water security, 534
 water softening, 501, 502
 wear resistance, 821
 wind flow, 639, 640, 646, 649
 wind power, 881, 884, 885
 wind tunnel, 639, 641, 642, 643, 644, 645, 650
 WLED, 891, 892, 893, 903
 wood, 798, 799, 800, 801, 802

Z

Zanthoxylum acanthopodium DC, 399, 400, 413
 zeolite, 584

List of Reviewers

1. Fadzilah Adibah Abdul-Majid (Institute of Marine Biotechnology, Universiti Malaysia Terengganu, Malaysia)
2. Ana Karla De Souza Abud (Food Technology Department, Federal University of Sergipe, Brazil)
3. Mohd Ashraf Ahmad (Faculty of Electrical and Electronics Engineering Technology, University Malaysia Pahang, Malaysia)
4. Khusnul Ain (Biomedical Engineering - Airlangga University, Indonesia)
5. Mohammed Ali Mohammed Al-Bared (Department of Civil and Environmental Engineering, Universiti Teknologi PETRONAS, Malaysia)
6. Ali Majeed Al-Dahawi (University of Technology, Iraq)
7. Edwin Aldrian (Agency for the Assessment and Application of Technology, Indonesia)
8. Ema Amalia (Faculty of Mechanical and Aerospace Engineering, Institut Teknologi Bandung, Indonesia)
9. Semaan Amine (Department of Mechanical Engineering, Beirut Arab University, Lebanon)
10. Agus Dwi Anggono (Department of Mechanical Engineering, Universitas Muhammadiyah Surakarta, Indonesia)
11. Maurizio Arena (Department of Industrial Engineering, Aerospace Section, University of Naples 'Federico II', Italy)
12. Rizki Armanto (Laboratory of Building Physics and Acoustics, Engineering Physics Research Group, Institut Teknologi Bandung, Indonesia)
13. Noor Asmael (Highway and Transportation Department, College of Engineering, Mustansiriyah University, Iraq)
14. Wahaj Abbas Awan (Department of Electrical Engineering, Comsats Institute of Information Technology, Pakistan)
15. Muhammad Aziz (Institute of Industrial Science, The University of Tokyo, Japan)
16. Azwan Iskandar Azmi (School of Manufacturing Engineering, Universiti Malaysia Perlis (UniMAP), Malaysia)
17. Sandhya Babel (Sirindhorn International Institute of Technology, Thammasat University, School of Bio-Chemical Engineering and Technology, Thailand)
18. Arian R. Bahrami (Department of Mechanical Engineering, Eastern Mediterranean University, Turkey)
19. Ambar Bajpai (Department of Electrical Engineering, Faculty of Engineering, Chulalongkorn University, Thailand)
20. Qais Sahib Banyhussan (Highway and Transportation Engineering Department, Mustansiriyah University, Iraq)

21. Mario Barletta (Laboratory of Ecology and Management of Coastal and Estuarine Ecosystems, Department of Oceanography, Federal University of Pernambuco (UFPE), Brazil)
22. Adi Azriff Basri (Department of Aerospace Engineering, Universiti Putra Malaysia, Malaysia)
23. Seyfettin Bayraktar (Department of Naval Architecture and Marine Engineering, Yildiz Technical University, Turkey)
24. Jamshid Behin (Faculty of Petroleum and Chemical Engineering, Razi University, Iran)
25. Behrouz Behnam (School of Civil and Environmental Engineering, Amirkabir University of Technology, Iran)
26. Subrata Bhowmik (Department of Mechanical Engineering, IIT (ISM) Dhanbad, India)
27. Ramaraj Boopathy (Department of Biological Sciences, Nicholls State University, Thibodaux, LA, United States)
28. Bagus Budiwantoro (Faculty of Mechanical and Aerospace Engineering, Institut Teknologi Bandung, Indonesia)
29. Guerel Cam (Faculty of Engineering and Natural Sciences, Department of Mechanical Engineering, Iskenderun Technical University, Turkey)
30. Elvis Carissimi (Department of Sanitary and Environmental Engineering, Federal University of Santa Maria (UFSM), Brazil)
31. Pranamesh Chakraborty (Civil, Construction, and Environmental Engineering Department, Iowa State University, United States)
32. Justin M. Chalker (Institute for NanoScale Science and Technology, College of Science and Engineering, Flinders University, Australia)
33. Saroj Chapagain (Institute for the Advanced Study of Sustainability, United Nations University, Japan)
34. Punyasha Chatterjee (School of Mobile Computing and Communication, Jadavpur University, India)
35. Sudipta Chattopadhyay (Department of Electronics and Communication Engineering, Mizoram University, India)
36. Chienyuan Chen (Department of Civil and Water Resources Engineering, National Chiayi University, Taiwan)
37. Kwok Fai Cheung (Department of Ocean and Resources Engineering, University of Hawaii at Manoa, United States)
38. Thiam Leng Chew (Research Centre (CO2RES), Institute of Contaminant Management, Malaysia)
39. Siau Chen Chian (Department of Civil and Environmental Engineering, National University of Singapore, Singapore)
40. Lukasz Chrzanowski (Faculty of Chemical Technology, Poznan University of Technology, Poland)
41. Adeline Seak May Chua (Department of Chemical Engineering, Faculty of Engineering, University of Malaya, Malaysia)

42. Eduard Marius Craciun (Faculty of Mechanical, Industrial, and Maritime Engineering, "Ovidius" University of Constanta, Romania)
43. Ludovico Danza (Construction Technologies Institute - National Research Council of Italy (ITC-CNR), Italy)
44. Axel van de Walle (School of Engineering, Brown University, United States)
45. Reeta Devi (Kurukshetra University, India)
46. António Freire Diogo (Department of Civil Engineering, University of Coimbra, Portugal)
47. Ali Dođrul (Department of Naval Architecture & Marine Engineering, Yildiz Technical University, Turkey)
48. Andrei Dragomirescu (Department of Hydraulics, Hydraulic Machinery and Environmental Engineering, University Politehnica of Bucharest, Romania)
49. Elfahmi (School of Pharmacy, Institut Teknologi Bandung, Indonesia)
50. Dongming Fan (School of Reliability and Systems Engineering, Beihang University, China)
51. Alaa K. Farhan (Computer Sciences Department, University of Technology, Iraq)
52. Fatkhan (Exploration and Engineering Seismology Research Group, Institut Teknologi Bandung, Indonesia)
53. Helena P. Felgueiras (Centre for Textile Science and Technology (2C2T), Department of Textile Engineering, University of Minho, Portugal)
54. Olivia Ana Florea (Faculty of Mathematics and Computer Science, Transilvania University of Braşov, Romania)
55. Paolo Foraboschi (Dipartimento Culture del Progetto, Università IUAV di Venezia, Venice, Italy)
56. Jesús M. García (Laboratorio de Prototipos, Decanato de Investigación, Universidad Nacional Experimental del Táchira, Guatemala)
57. Domenico Gattuso (Mediterranea University, Engineering Department of Information Infrastructure and Sustainable Energy (DIIES), Italy)
58. Ahmadali Gholami (Department of Electrical Engineering, Iran University of Science and Technology, Iran)
59. Mimpin Ginting (Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Indonesia)
60. Mohamed Gobashy (Geophysics Department, Faculty of Science, Cairo University, Egypt)
61. José M.V. Gómez-Soberón (Barcelona School of Building Construction, Polytechnic University of Catalonia, Spain)

62. Henrique Luiz Gonçalves (Chemical Engineering School, State University of Campinas, Brazil)
63. Rajesri Govindaraju (Department of Industrial Engineering, Fakultas Teknik Industri, Institut Teknologi Bandung, Indonesia)
64. Misri Gozan (Bioprocess Engineering Study Program, Universitas Indonesia, Indonesia)
65. Onur Günlü (Information Theory and Applications Chair, Germany)
66. Snehasish Dutta Gupta (Agricultural and Food Engineering Department, Indian Institute of Technology Kharagpur, India)
67. Andreas Haarstick (Institute of Biochemical Engineering, Department of Mechanical Engineering Technische Universität Carolo, Germany)
68. Fauziah binti Shahul Hamid (Institute of Biological Sciences, Faculty of Science, University of Malaya, Malaysia)
69. Dalal Hammood (Electrical Engineering Technical College, Middle Technical University(MTU), Iraq)
70. Baharuddin Hamzah (Department of Architecture, Hasanuddin University, Indonesia)
71. Gillian Harrison (Institute for Transport Studies, University of Leeds, United Kingdom)
72. Morteza Hashemi (Department of Geology, Faculty of Sciences, University of Isfahan, Iran)
73. Teguh Herlambang (Study Program of Information Systems, Faculty of Engineering, Universitas Nahdlatul Ulama Surabaya (UNUSA),Indonesia)
74. Mohammad Reza Homaeinezhad (Department of Mechanical Engineering, K. N. Toosi University of Technology, Iran)
75. Tadeusz Hryniewicz (Division of BioEngineering and Surface Electrochemistry, Koszalin University of Technology, Poland)
76. Iswandi Imran (Structure Research Group, Civil Engineering Department, Faculty of Civil and Environmental Engineering, Institut Teknologi Bandung, Indonesia)
77. Mohamad Ridzwan Ishak (Department of Aerospace Engineering, Universiti Putra Malaysia, UPM Serdang, Malaysia)
78. M. H. Ismail (Department of Chemical and Environmental Engineering, Faculty of Engineering, UPM, Malaysia)
79. Atsuhiko Isobe (Research Institute for Applied Mechanics, Kyushu University, Japan)
80. Mahsa Jahandideh-Tehrani (School of Engineering and Built Environment, Griffith University, Australia)
81. Ravichander Janapati (Department of ECE, S R Engineering College, India)
82. J. Jayaprabakar (Department of Mechanical Engineering, Sathyabama Institute of Science & Technology, India)

83. Chris G. Karayannis (Reinforced Concrete and Seismic Design of Structures Laboratory, Civil Engineering Department, School of Engineering, Greece)
84. Shah Mohammed Abdul Khader (Department of Mechanical Engineering, School of Science and Engineering, Manipal International University, India)
85. Faridah Hanim Khairuddin (Department of Civil Engineering, Faculty of Engineering, National Defense University of Malaysia, Malaysia)
86. Mohammad Khairudin (Department of Electrical Engineering, Universitas Negeri Yogyakarta, Indonesia)
87. Amir Khalid (Automotive and Combustion Synergies Technology Group, Advanced Technology Centre (ATC), Faculty of Engineering Technology, Universiti Tun Hussein Onn Malaysia, Malaysia)
88. Khoiruddin (Department of Chemical Engineering, Institut Teknologi Bandung, Indonesia)
89. Jernej Klemenc (Faculty of Mechanical Engineering, University of Ljubljana, Slovenia)
90. Adem Kocyigit (Igdır University, Engineering Faculty, Department of Electrical Electronic Engineering, Turkey)
91. R. B. Kogbara (Department of Agricultural & Environmental Engineering, Rivers State University, Nigeria)
92. Masato Kouzu (Department of Chemical and Energy Engineering, Tokyo City University, Japan)
93. Grzegorz Kowaluk (Department of Technology and Entrepreneurship in Wood Industry, Warsaw University of Life Sciences – SGGW, Poland)
94. M. Vamshi Krishna (Department of ECE, Dhanekula Institute of engineering and Technology, India)
95. Sugeng Krisnanto (Geotechnical Engineering Research Group, Faculty of Civil & Environmental Engineering, Institut Teknologi Bandung, Indonesia)
96. Dinesh Kumar (Centre for Nanoscience and Nanotechnology, Sathyabama Institute of Science and Technology (Deemed to be University), India)
97. Kanaparathi V. Phani Kumar (Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, India)
98. Sudhir Kumar (School of Engineering and Technology, Central University of Haryana, India)
99. Rajeev Kumar (Lovely Professional University, India)

100. Winarto Kurniawan (Global Engineering Course for Development, Environment, and Society, School of Environment and Society, Tokyo Institute of Technology, Japan)
101. Cédric P. Laurent (CNRS, Université de Lorraine, France)
102. Keat Teong Lee (School of Chemical Engineering, Universiti Sains Malaysia, Engineering Campus, Malaysia)
103. Peixian Li (China University of Mining and Technology (Beijing), China)
104. Hui Lü (School of Mechanical and Automotive Engineering, South China University of Technology, China)
105. Peyman Mahouti (Department of Electronics and Communication, University of Yildiz Technical, Turkey)
106. Muhammad Haris Mahyuddin (Research Group of Advanced Functional Materials, Faculty of Industrial Technology, Institut Teknologi Bandung, Indonesia)
107. Azwar Manaf (Faculty of Mathematics and Natural Sciences, Universitas Indonesia, Indonesia)
108. Peter Mapp (Peter Mapp Associates, United Kingdom)
109. Gonzalo Marta-nez-Barrera (Facultad de Química, Universidad Autónoma del Estado de México, Mexico)
110. Saman Q. Mawlud (Department of Physics, College of Education, University of Salahaddin, Iraq)
111. Noor Faizah Fitri Md Yusof (School of Civil Engineering, Engineering Campus, Universiti Sains Malaysia, Malaysia)
112. Linda Meylani (Telkom University, Indonesia)
113. Dominik Mierzwa (Department of Process Engineering, Institute of Technology and Chemical Engineering, Poznań University of Technology, Poland)
114. Wladyslaw Mitaniec (Cracow University of Technology, Poland)
115. Rosen Mitrev (Department of Logistics Engineering, Material Handling and Construction Machines, Technical University of Sofia, Bulgaria)
116. Mochammad Agoes Moelyadi (Faculty of Mechanical and Aerospace Engineering, Institut Teknologi Bandung, Indonesia)
117. Seyed Davoud Mohammadi (Department of Geology, Faculty of Sciences, Bu-Ali Sina University, Iran)
118. Ali Ahmed Mohammed (Civil Engineering Department, University of Technology, Iraq)
119. Ali Moussa (University of Monastir, National Engineering School of Monastir, Tunisia)
120. Andi Haris Muhammad (Department of Marine Engineering, Faculty of Engineering, Hasanuddin University, Indonesia)
121. Jhilam Mukherjee (A.K. Choudhury School of Information Technology, University of Calcutta, India)

122. G. Nataraj (School of Mechanical Engineering, Vellore Institute of Technology, India)
123. Anand Nayyar (Graduate School, Duy Tan University, Viet Nam)
124. M. M. Noor (Automotive Engineering Research Group, Faculty of Mechanical and Manufacturing Engineering (FKMP), Universiti Malaysia Pahang (UMP), Malaysia)
125. Leonel Jorge Ribeiro Nunes (ICAAM-Instituto de Ciências Agrárias e Ambientais Mediterrânicas, Portugal)
126. Maneerat Ongwandee (Institute of Metropolitan Development, Navamindradhiraj University, Thailand)
127. Didem Ozcimen (Faculty of Chemical and Metallurgical Engineering, Bioengineering Department, Yildiz Technical University, Turkey)
128. Murat Öztürk (Department of Civil Engineering, Iskenderun Technical University, Turkey)
129. Ranjib Padhi (Homi Bhabha National Institute, Indira Gandhi Centre for Atomic Research, India)
130. Raghuvir Pai (Department of Mechanical and Manufacturing Engineering Manipal Institute of Technology, Manipal Academy of Higher Education, India)
131. P. Palanivel (Adama Science and Technology University, Eithiopia)
132. Pramudita Satria Palar (Faculty of Mechanical and Aerospace Engineering, Institut Teknologi Bandung, Indonesia)
133. Gianniantonio Petruzzelli (Institute of Ecosystem Study, National Council of Research, Italy)
134. Sahar Hadi Pour (School of Civil Engineering, Faculty of Engineering, Universiti Teknologi Malaysia (UTM), Malaysia)
135. Somayyeh Pourbakhshian (Dept. of Civil Engineering, Science and Research Branch, Islamic Azad University, Iran)
136. Tirta Prakoso (Department of Chemical Engineering, Institut Teknologi Bandung, Indonesia)
137. Achmad Praptijanto (Internal Combustion Engine Laboratory, Research Centre Electrical Power and Mechatronics, Indonesian Institute of Sciences (LIPI), Indonesia)
138. Iwan Prasetyo (Department of Engineering Physics, Faculty of Industrial Technology, Institut Teknologi Bandung, Indonesia)
139. Agus Prasetya (Chemical Engineering Department, Gadjah Mada University, Indonesia)
140. Abhishek Priyam (Department of Mechanical Engineering, MPSTME, NMIMS University, India)
141. Nutthachai Prongmanee (Departement of Civil Engineering and Architecture, Saga University, Japan)

142. Julwan Purba (Center for Nuclear Reactor Technology and Safety, National Nuclear Energy Agency of Indonesia (BATAN), Indonesia)
143. Leksmono Suryo Putranto (Tarumanagara University, Department of Civil Engineering, Indonesia)
144. Zulfahmi Ali Rahman (Department of Earth Science and Natural Environment, Faculty of Science and Technology, National University of Malaysia, Malaysia)
145. Zulfahmi Ali Rahman (Department of Earth Science and Natural Environment, Faculty of Science and Technology, National University of Malaysia, Malaysia)
146. Thanate Ratanawilai (Department of Industrial Engineering, Faculty of Engineering, Prince of Songkla University, Thailand)
147. Cícero Roberto Teixeira Régis (Universidade Federal do Pará, Faculdade de Geofísica, Brazil)
148. Bambang Retnoaji (Animal Structure and Development Laboratory, Faculty of Biology, Universitas Gadjah Mada, Indonesia)
149. Maha M.S. Ridha (Department of Building and Construction Engineering, University of Technology, Iraq)
150. Enzo Rizzo (National Research Council - Institute of Methodologies for Environmental Analysis, Hydrogeosite Laboratory, Italy)
151. Reza Roohi (Department of Mechanical Engineering, Fasa University, Iran)
152. Mario L. Ruz (Department of Mechanical Engineering, University of Cordoba, Spain)
153. Mohammad Reza Safaei (Division of Computational Physics, Institute for Computational Science, Ton Duc Thang University, VietNam)
154. Santwana Sagnika (Kalinga Institute of Industrial Technology, India)
155. Halil Turgut Şahin (Department of Forest Products Engineering, Isparta University of Applied Sciences, Turkey)
156. Zainuddin Bin Sajuri (Centre for Materials Engineering and Smart Manufacturing (MERCU), Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia, Malaysia)
157. Harwin Saptoadi (Department of Mechanical and Industrial Engineering, Faculty of Engineering, Universitas Gadjah Mada, Indonesia)
158. Aurasorn Saraphanchotiwitthaya (Department of Pharmaceutical Technology, Faculty of Pharmaceutical Sciences, Naresuan University, Thailand)
159. Haryo Satriya Oktaviano (Program Studi Kimia, Universitas Pertamina, Indonesia)

160. Sahaj Saxena (Department of Electrical Engineering, Indian Institute of Technology Roorkee, India)
161. Mário Vanoli Scatolino (Federal University of Lavras – UFLA, Brazil)
162. B. Setiawan (Program Study of Geological Engineering, Faculty of Engineering, Syiah Kuala University, Indonesia)
163. Dwi Ardiana Setyawardhani (Department of Chemical Engineering, Sebelas Maret University, Indonesia)
164. Norazuwana Shaari (Fuel Cell Institute, Universiti Kebangsaan Malaysia, Malaysia)
165. M. Shahabuddin (Department of Chemical Engineering, Monash University, Australia)
166. Redmond R. Shamshiri (Leibniz Institute for Agricultural Engineering and Bioeconomy, Germany)
167. Alice Sharp (Environmental Science Research Center, Faculty of Science, Chiang Mai University, Thailand)
168. Simon P. Shepherd (Institute for Transport Studies, University of Leeds, United Kingdom)
169. Farooq Sher (School of Mechanical, Aerospace and Automotive Engineering, Faculty of Engineering, Environment and Computing, Coventry University, United Kingdom)
170. Yuhu Shi (Information Engineering College, Shanghai Maritime University, China)
171. Mitsuhiro Shigeishi (Civil and Environmental Engineering, Kumamoto University, Japan)
172. Alexander J. Silenko (Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Russia Federation)
173. Agus B. Siswanto (Department of Civil Engineering, 17 Agustus 1945 University in Semarang, Indonesia)
174. María Consolación Gómez-Soberón (Civil Engineering School, Metropolitan Autonomous University, Mexico)
175. Bobby Oedy Pramoedyo Soepangkat (Mechanical Engineering Department, Institut Teknologi Sepuluh Nopember, Indonesia)
176. Haizhi Song (Institute of Fundamental and Frontier Sciences, University of Electronic Science and Technology of China, China)
177. Raden Irvan Sophian (Faculty of Geological Engineering, Universitas Padjadjaran, Indonesia)
178. Wahyu Srigutomo (Physics of Earth and Complex System, Faculty of Mathematics and Natural Science, Institut Teknologi Bandung, Indonesia)
179. A. Srinivasa Reddy (CSE Department, KITS, India)
180. Denny Nugroho Sugianto (Department of Oceanography, Fac. of Fish. and Mar. Sci. and the Ctr. for Coastal Rehabilitation and Disaster Mitigation Studies, Diponegoro University, Indonesia)

181. Indar Sugiarto (Departement of Electrical Engineering, Petra Christian University, Indonesia)
182. Hendra Suherman (Department of Mechanical Engineering, Universitas Bung Hatta, Indonesia)
183. Adi Surjosatyo (Mechanical Engineering, Universitas Indonesia, Indonesia)
184. Bambang Suryoatmono (Department of Civil Engineering, Parahyangan Catholic University, Indonesia)
185. Takashi Yoshida (Department of Electrical Engineering, Kyushu University, Japan)
186. Peng Tang (School of Resources, Environment and Materials, Guangxi University, China)
187. Anggito Pringgo Tetuko (Research Center for Physics, Indonesian Institute of Sciences (LIPI), Indonesia)
188. Rendy Thamrin (Civil Engineering Department, Engineering Faculty, Andalas University, Indonesia)
189. Dominicus Danardono Dwi Prija Tjahjana (Mechanical Engineering Department, Faculty of Engineering, Sebelas Maret University, Indonesia)
190. Prijatmadi Tjiptobroto (PT. Solusi Teknologi Bangunan, Indonesia)
191. Mahmud Tokur (Engineering Faculty, Department of Metallurgical and Materials Engineering, Sakarya University, Turkey)
192. Mukul Tomar (Centre for Advanced Studies and Research in Automotive Engineering, Department of Mechanical Engineering, Delhi Technological University, India)
193. Can Barış D.L.D.A.L. Top (ASELSAN Research Center, Turkey)
194. Francesco Tornabene (Department of Innovation Engineering, Università del Salento, Italy)
195. Taner Uçar (Department of Architecture, Dokuz Eylül University, Turkey)
196. Javier Moreno-Valenzuela (Systems and Control, Instituto Politécnico Nacional-CITEDI, Mexico)
197. Shanmuganathan Venkatesan (Department of Chemical Engineering, National Cheng Kung University, Taiwan)
198. C. Visvanathan (Department of Energy, Environment and Climate Change, School of Environment, Resources and Development, Asian Institute of Technology, Thailand)
199. Didin Wahyudin (Department of Electrical Engineering Education, Universitas Pendidikan Indonesia, Indonesia)
200. Kangyu Wang (School of Civil Engineering and Architecture, Zhejiang University of Technology, China)
201. Chin Kun Wang (School of Nutrition, Chung Shan Medical University, China)

202. Naiguang Wang (Guangdong Engineering Technology Research Center for New Energy Materials and Devices, School of Materials and Energy, Guangdong University of Technology, China)
203. Arie Wardhono (Department of Civil Engineering, Universitas Negeri Surabaya, Indonesia)
204. Chuah Chai Wen (Information Security Interest Group (ISIG), University Tun Hussein Onn Malaysia, Malaysia)
205. Sony Sulaksono Wibowo (Civil Engineering Department, Faculty of Civil and Environmental Engineering, Institut Teknologi Bandung, Indonesia)
206. Pramujo Widiatmoko (Department of Chemical Engineering, Institut Teknologi Bandung, Indonesia)
207. Clayton J. Williams (Rubenstein School of Environment and Natural Resources, The University of Vermont, United States)
208. Joko Wintoko (Department of Chemical Engineering, Universitas Gadjah Mada, Indonesia)
209. Jin-Han Wu (Department of Civil Engineering, National Cheng Kung University, Taiwan)
210. Manuj Yadav (Sydney School of Architecture, Design and Planning, The University of Sydney, Australia)
211. Mi Yan (Institute of Energy and Power Engineering, Zhejiang University of Technology, China)
212. Noorfaizal Yidris (Department of Aerospace Engineering, Universiti Putra Malaysia, Malaysia)
213. Nasser Yimen (National Advanced School of Engineering, University of Yaoundé I, Cameroon)
214. Weixiong You (Faculty of Materials Metallurgy and Chemistry, Jiangxi University of Science and Technology, China)
215. Mohammed Yousef Fattah (Building and Construction Engineering Department, University of Technology, Iraq)
216. Budi Yulianto (Computer Science Department, School of Computer Science, Bina Nusantara University, Indonesia)
217. Erlina Yustanti (Department of Metallurgy, Faculty of Engineering, University of Sultan Ageng Tirtayasa, Indonesia)
218. Montserrat Zamorano (Department of Civil Engineering, University of Granada, Spain)
219. Ruirui Zhang (Beijing Key laboratory of Intelligent Equipment Technology for Agriculture, Beijing academy of agricultural and forestry sciences, China)
220. Youqiang Zhang (School of Mechanical and Electrical Engineering, Key Laboratory of Modern Agricultural Engineering, Tarim University, China)
221. Tiebiao Zhao (Department of Mechanical Engineering, University of California, United States)

222. Hui Zhou (State Key Laboratory of Geomechanics and Geotechnical Engineering, Institute of Rock and Soil Mechanics, Chinese Academy of Sciences, China)
223. Mohammad Zuber (Department of Aeronautical and Automobile Engineering, Manipal Institute of Technology, India)
224. Lavi Zuhai (Faculty of Mechanical and Aerospace Engineering, Institut Teknologi Bandung, Indonesia)

Journal of Engineering and Technological Sciences Guidelines for Author

1. Standard of reporting

Authors should present an accurate account of the work performed as well as an objective discussion of its significance. Underlying data should be represented accurately in the paper. A paper should contain sufficient detail and references to permit others to replicate the work. Fraudulent or knowingly inaccurate statements constitute unethical behavior and are unacceptable. Professional publication articles should also be accurate and objective, and editorial 'opinion' works should be clearly identified.

2. Exclusivity of work

The authors should ensure that they have written entirely original works, and if the authors have used the work and/or words of others this should be appropriately cited or quoted. Plagiarism takes many forms, from 'passing off' another's paper as the author's own paper to copying or paraphrasing substantial parts of another's paper (without attribution), to claiming results from research conducted by others. Plagiarism in all its forms constitutes unethical publishing behavior and is unacceptable. An author should not in general publish manuscripts describing essentially the same research in more than one journal or primary publication. Submitting the same manuscript to more than one journal concurrently constitutes unethical publishing behaviour and is unacceptable. In general, an author should not submit for consideration in another journal a previously published paper. We consider for publication from conference paper if it is only an extended version of conference paper with at least 30% of new material.

3. Hazards and Human or Animal Subjects

If the work involves chemicals, procedures or equipment that have any unusual hazards inherent in their use, the author must clearly identify these in the manuscript. If the work involves the use of animal or human subjects, the author should ensure that the manuscript contains a statement that all procedures were performed in compliance with relevant laws and institutional guidelines and that the appropriate institutional committee(s) has approved them. Authors should include a statement in the manuscript that the informed consent was obtained for experimentation with human subjects. The privacy rights of human subjects must always be observed.

4. Authorship of the Paper and Copyright

Authorship should be limited to those who have made a significant contribution to the conception, design, execution, or interpretation of the reported work. All those who have made significant contributions should be listed as co-authors. Whilst those who have participated in certain substantive aspects of the research project, they should be acknowledged or listed as contributors. The corresponding author should ensure that all appropriate and inappropriate co-authors are included on the paper, and that all co-authors have seen and approved the final version of the paper and have agreed to its submission for publication. No manuscript can be published unless accompanied by a signed publication agreement, which serves as a transfer of copyright from author to publisher. A copy of that agreement is required after the paper is accepted.

5. Acknowledgement

Proper acknowledgment of the work of others must always be given. Authors should cite publications that have been influential in determining the nature of the reported work. Information obtained privately, as in conversation, correspondence or discussion with third parties, must not be used or reported without explicit, written permission from the source. Information obtained in the course of confidential services, such as refereeing manuscripts or grant applications, must not be used without the explicit written permission of the author of the work involved in these services.

6. Disclosure Requirements

Author when submitting a manuscript, must disclose any meaningful affiliation or involvement, either direct or indirect, with any organization or entity with a direct financial interest in the subject matter or materials discussed (for example, employment, consultancies, stock ownership, grants, patents received or pending, royalties, honoraria, expert testimony). These kinds of financial involvement are fairly common, unavoidable, and generally do not constitute a basis for rejecting a manuscript. Specifics of the disclosure will remain confidential. If deemed appropriate by the Scientific Editor, a general statement regarding disclosure will be included in the Acknowledgment section of the manuscript.

7. Errors in Published Works

When an author discovers a significant error or inaccuracy in his/her own published work, it is the author's obligation to promptly notify the journal editor or publisher and cooperate with the editor to retract or correct the paper. If the editor or the publisher learns from a third party that a published work contains a significant error, it is the obligation of the author to promptly retract or correct the paper or provide evidence to the editor of the correctness of the original paper.

8. Disclaimer

Opinions expressed in articles published in the *Journal of Engineering and Technological Sciences* are those of the author(s) and do not necessarily represent opinions of the Bandung Institute of Technology (ITB). The *Journal of Engineering and Technological Sciences* does not guarantee the appropriateness for any purpose of any method, product, process, or device described or identified in an article. Trade names, when used, are only for identification and do not constitute endorsement by *Journal of Engineering and Technological Sciences*.

9. Manuscript preparation

Use the English language and the SI system (Système International d'Unités, often referred as "International Units") for measurements and units. Manuscript in MS Word or PDF format (generated from MS Word) is to be submitted online through <http://journals.itb.ac.id/index.php/jets>. The length of manuscript is expected not to exceed 20 printed pages (single space) including abstract, figures, tables and references. An abstract between 100 and 200 words describes the significance of manuscript should be included. The authors should supply 5-10 keyword or phrases that characterizes their manuscript. Use 11 pt Times New Roman fonts for body of the text with 1.0 line spacing between lines. The references should be numbered consecutively in the order of their appearance and should be complete, including authors' initials, the title of the paper, the date, page numbers, and the name of the sponsoring society. Please compiles references as shown in the examples below. Figures are printed in black & white, while color figures are only available online. Adjust the size of figures and tables as they will be appeared. All figure captions should be legible, minimum 8 point type. For all equations, use either Microsoft Equation Editor or MathType add-on. Equations are numbered consecutively in parenthesis, e.g. (1), and set at the right margin.

Reference examples:

- [1] Sutasurya, L.A. & Riyanto, B., *Title of Paper*, Name of Journal, **8**(1), pp. 20-25, Dec. 2005. (Journal)
- [2] Sutasurya, L.A., Handojo, A. & Riyanto, B., *Title of book*, ed. 2, Publisher, 2007. (Book)
- [3] Williams, J., *Name of Paper*, Name of Book, Name of the editor(s), eds., Publisher, pp. 67-69, 2006. (Book with paper title and editor)
- [4] Suharto (ed), *Title of Paper*, Name of Proc., pp. 5-10, 2008. (Conference Proceedings)
- [5] Name of the author(s), *Title of paper* (if available), Organization, URL Link, (1 April 2011). (URL Link)
- [6] Nicole, R., *Title of Paper*, Name of Journal, submitted for publication. (Pending publication)
- [7] John, K., *Title of Paper*, unpublished. (Unpublished manuscript)
- [8] Rashid, L., *Title of Dissertation*, PhD dissertation, Name of Dept., Name of Univ., City, 2010. (Thesis or Dissertation)
- [9] Jenny, P., Name of Institution, City, personal communication, 2010. (Personal communication)
- [10] Name of the author(s), *Title of Technical Report*, Technical Report TR-0334 (34-56), Name of Institution, City, Dec. 2009. (Technical report with report number)