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- [15] Norris, Marc J and Senior Geologist. 3E~ M~~ M~ ERING: ANO~.
- [16] Omer, Abdeen Mustafa, “Focus on low carbon technologies: The positive solution. Renewable and Sustainable Energy Reviews,” vol. 12, no. 9, pp. 2331-2357, 2008.
- [17] Lauderdale, Chance Venable, “Characterization of a microbial culture capable of removing taste-and odor-causing 2-methylisoborneol from water,” *PhD diss., University of Florida*, 2004.
- [18] Meier, Wolfgang, Thomas Pfohl, and PD Dr Cornelia Palivan, *Organizing committee of SSD5*.
- [19] A. Price-Allison, A. R. Lea-Langton, E.J.S. Mitchell, B. Gudka, J. M. Jones, P.E. Mason and A. Williams, “Emissions performance of high moisture wood fuels burned in a residential stove,” *Fuel*, vol. 239, no.1038-1045, 2019.
- [20] Snider, Graydon, Ellison Carter, Sierra Clark, Xudong Yang, Majid Ezzati, J. James Schauer, Christine Wiedinmyer, and Jill Baumgartner, “Impacts of stove use patterns and outdoor air quality on household air pollution and cardiovascular mortality in southwestern China,” *Environment international*, vol. 117, pp. 116-124, 2018.
- [21] de la Sota, Candela, Julio Lumbreras, Noemí Pérez, Marina Ealo, Moustapha Kane, Issakha Youm, and Mar Viana, “Indoor air pollution from biomass cook stoves in rural Senegal,” *Energy for Sustainable Development*, vol. 43, pp. 224-234, 2018.
- [22] Press-Kristensen, Kåre, Lotte Laurvig, Patrick Huth, Axel Friedrich, and Teis Nørgaard Mikkelsen, “Flue gas cleaning for stoves & boilers,” In 22nd ETH-Conference on Combustion Generated Nanoparticles, 2018.
- [23] Kantová, Nikola, Alexander Čaja, Michal Holubčík, and Jozef Jandačka, “Flow modelling of particulate matter by using baffles placed in the flue tract of wood stove,” In *MATEC Web of Conferences*, vol. 168, 2018.
- [24] T. Makonese, and C. Bradnum, “Public participation in technological innovation: The case of the Tshulu stove development programme,” *Journal of Energy in Southern Africa*, vol. 28, no. 1, pp. 13-24, 2017.
- [25] A. D. Paulsen, T. A. Kunsu, A. L. Carpenter, T.J. Amundsen, N. R. Schwartz, J. Harrington, J. Reed, B. Alcorn, J. Gattoni, and P. E. Yelvington, “Gaseous and particulate emissions from a chimneyless biomass cookstove equipped with a potassium catalyst,” *Applied Energy*, vol.235, pp.369-378, 2019.
- [26] Fuel Efficient Stoves for Darfur Camps of Internally Displaced Persons- Report of Field Trip to North and South Darfur, 2005.
- [27] A. Williams, J.M. Jones, L. Ma and M. Pourkashanian, “Pollutants from the combustion of solid biomass fuels,” *Progress in Energy and Combustion Science*, vol.38, no.2, pp.113-137, 2012.
- [28] Fernando, Sujan, Lorraine Shaw, Don Shaw, Michael Gallea, Lori Vanden Enden, Ron House, K. Dave Verma, Philip Britz-McKibbin, and E. Brian McCarry, “Evaluation of firefighter exposure to wood smoke during training exercises at burn houses,” *Environmental science & technology*, vol.50, no.3, pp.1536-1543, 2016.
- [29] Huboyo, S. Haryono, Susumu Tohno, and Renqiu Cao, “Indoor PM2. 5 characteristics and CO concentration related to water-based and oil-based cooking emissions using a gas stove,” *Aerosol and Air Quality Research*, vol.11, no.4, pp. 401-411, 2011.
- [30] Agarwal, Avinash Kumar, Akhilendra Pratap Singh, and Rakesh Kumar Maurya, “Evolution, challenges and path forward for low temperature combustion engines,” *Progress in Energy and Combustion Science*, vol. 61, no. 1-56, 2017.
- [31] N.C. Gallego, and J. W. Klett, “Carbon foams for thermal management,” *Carbon*, vol. 41, no.7, pp. 1461-1466, 2003.
- [32] Barrett, E. Michael, D. Robert Zuber, R. Edmond Collins, F. Joseph Malina, J. Randall Charbeneau and H. George Ward, “A review and evaluation of literature pertaining to the quantity and control of pollution from highway runoff and construction,” 1995.
- [33] Zhan, Minshu, Guogang Sun, Shen Yan, Jiaqing Chen, and Minghao You, “Filtration Performance of Coal Pyrolysis Flying Char Particles in a Granular Bed Filter,” *Energy & fuels*, vol. 32, no.2, pp. 1070-1079, 2018.
- [34] Dasch, Jean Muhlbaier, “Particulate and gaseous emissions from wood-burning fireplaces,” *Environmental Science & Technology*, vol.16, no.10, pp. 639-645, 1982.
- [35] S. Weimer, M. R. Alfarra, D. Schreiber, M. Mohr, S. H. Andre Prévôt, and U. Baltensperger, “Organic aerosol mass spectral signatures from wood-burning emissions: Influence of burning conditions and wood type,” *Journal of Geophysical Research: Atmospheres*, vol.113, no. (D10), 2008.
- [36] M. Negri, M. Fellin, V. Carè, and A.R. Proto, “Integrated pyro-gasification process of heterogeneous mediterranean wood species,” *Contemporary Engineering Sciences*, vol. 9, no.23, pp. 1113-1123, 2016.
- [37] Drave, Arvindkumar, and K. P. Mishra. “Development of energy efficient cooking systems for rural masses. International Journal of Management,” *Information Technology and Engineering*, vol. 4, no. 2, pp. 37-48, 2016.
- [38] Khan, Sabrina, Tania Hossain, and Md Mominur Rahman, “Development of Portable Rocket Stove and Performance Evaluation,” 2016.
- [39] MacCarty, Nordica, Dean Still, Damon Ogle, and Thomas Drouin, “Assessing cook stove performance: field and lab studies of three rocket stoves comparing the open fire and traditional stoves,” in Tamil Nadu, India on measures of time to cook, fuel use, total emissions, and indoor air pollution. *Aprovecho Research Center*, 2008.
- [40] Thompson, M. Lisa., Nigel Bruce, Brenda Eskenazi, Anaite Diaz, Daniel Pope, and R. Kirk Smith, “Impact of reduced maternal exposures to wood smoke from an introduced chimney stove on newborn birth weight in rural Guatemala,” *Environmental health perspectives*, vol. 119, no.10, pp.1489-1494, 2011.