

**GRADUATE AND POSTDOCTORAL STUDIES
MCGILL UNIVERSITY**



FINAL ORAL EXAMINATION
FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY

OF

EDRIS MADADIAN

DEPARTMENT OF BIORESOURCE ENGINEERING

BIOENERGY VIA GASIFICATION

March 31st, 2017
1:15 P.M.

MACDONALD-STEWART BUILDING, ROOM MS2-022
McGill University, Macdonald Campus

COMMITTEE:

Dr. S. Jabaji (Pro-Dean) (Department of Plant Science)

Dr. M-J. Dumont (Chair) (Department of Bioresource Engineering)

Dr. M. Lefsrud (Supervisor) (Department of Bioresource Engineering)

Dr. V. Orsat (Co-Supervisor) (Department of Bioresource Engineering)

Dr. G.S.V. Raghavan (Internal Examiner) (Department of Bioresource Engineering)

Dr. J-M. Lavoie (External Examiner) (Department of Chemical and biochemical Engineering, University of Sherbrooke)

Dr. Josephine Nalbantoglu, Dean of Graduate and Postdoctoral Studies
*Members of the Faculty and Graduate Students
are invited to attend*

Disk Transient Plane Source (TPS) technique. The TPS results showed that composite pellets with higher volume-fractions of plastics possessed a lower thermal conductivity which was due to the lower thermal conductivity of the

CURRICULUM VITAE

UNIVERSITY EDUCATION

2013 - 2017 **Ph.D. in Bioresource Engineering**
McGill University, Canada

2010 - 2012 **M.Sc. in Civil-Environmental Engineering**
University of Tehran, Iran

2006 - 2010 **B.Sc. in Civil Engineering**
University of Tehran, Iran

EMPLOYMENT

2014 – Present **Highly Qualified Personnel**
Committee Member
BioFuelNetwork Canada

2013 – 2017 **Teaching Assistant**
McGill University, Canada

2010 – 2012 **HSE Project Engineer**
Mana Food Industries Co., Tehran, Iran

2009 – 2010 **Consultant Engineer**
Environmental company of university of
Tehran, Iran

2007 – 2009 **Consultant Engineer**
Sazeh Pardazan Morvarid Jonoub, Iran

PUBLICATIONS

Refereed Journal Articles

- 1.

complex, Environmental progress and sustainable energy Journal, 33(1): 107–113.

14. Amiri L., **Madadian E.**, Abdoli M. A., Gitipour S., 2013. Efficiency of Vermicompost on Quantitative and Qualitative Growth of Tomato Plants, International Journal of Environment and Research, 7(2):467-472.
15. Mohebi M., Gitipour S., **Madadian E.**, 2013. Solidification/Stabilization

o

Province By Anaerobic Digestion“, The Int'l Conf. on Environmental Pollution and Public Health, Shanghai, China, 2012.

9. Gitipour S., **Madadian E.**, Mohebbi M., and Keramati N., “Efficiency of Low-Temperature Thermal Desorption (LTTD) on Treatment of TPHs Contaminated Soil“, The Twenty-seventh International Conference On Solid Waste Technology And Management, Philadelphia, PA USA., March 2012.
10. Gitipour S., **Madadian E.**, Khoushki A. A., “Application of Soil Flushing for Removal of Arsenic from Soils“, International Conference on Enly(o)-4(T.2013 2(da)--0 Tw 0.759 0(s)9(e6>en)8(2 0 Tdb0 9.96 69.a)--4()