

Guidelines

Manuscript

- Times New Roman 12 font size, double line spacing, 1" margin
- A reference style has been used consistently throughout all chapters and all cited references are included in a reference list
- An abstract (100-200 words) and *Keywords* (separated by semicolons) have been provided for each chapter
- Each author has provided an ORCID iD (www.orcid.org)

Chapter Number: (Chapter Title)

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*(Include all authors' names, affiliations, and contact info. Indicate lead corresponding author with *)*

Abstract

Keywords

1.1 Introduction

Insert Fig 1.1 here [Figure art must be provided separately from the text]

Figure 1.1: Molar ratio H/C and O/C of fossil and renewable fuels. (Based on Boie 1953)

1.2 Section 2

Table 1.1: Significant criteria for the assessment of chemical fuels. *(Data from Elliott, D.C. 2007)*

Units	Pyrolysis oil	FTS Diesel	SNG	Hydro- gen	Petro Diesel (reference)
chemical compounds	aromatic, phenolic, alkyl, carboxyl CH _x O _y	hydrocarbon (alkane) C _n H _{2n+2} n = 10-20	hydrocarbon CH ₄	molecular H ₂	hydrocarbon (alkane, aromatic) C _n H _{xn} n = 10-20+ x = 0.5-2

composition	CH _x O _y	CH _{1.6} O _{0.5}	CH _{2.1}	CH ₄	H ₂	CH _{1.86}
boiling- temperature 1)	°C	>150	160-380 (var)	-161.5	-252.8	180-360 (var)
mass density 2)	kg/l	1.0	0.77	0.135 ³⁾	0.017 ³⁾	0.84
energy density ²⁾	MJ/l	10.0	34.3	6.4 ²⁾	1.9 ³⁾	35.0
application		FU	DE	DE/FC	DE/FC	DE

other significant properties: vaporization, ignition, combustion, chemical stability

1.3

1.4.....

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Conclusion

References

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- On last page, please provide biographies of all authors

Figures and Tables

- All figures have been supplied as **separate** files (tables can remain within the chapter files) Fig.1.1 file...Fig 1.2 file...
- Halftone (photo) figures are supplied at a minimum width of 1500 pixels
- Line drawings (charts/diagrams) are supplied as editable files in the software in which they were created (i.e. excel), or with a minimum width of 6000 pixels
- Each figure is clearly numbered and labelled consecutively
- Callouts are provided indicating where figures should be inserted
- Where captions are required, captions are supplied within the chapter files

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References

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CRC Press/Taylor & Francis follows *Chicago Manual of Style, 16th edition* for reference style. However, as long as consistent style is maintained within any one work, logical variations are acceptable (please notify us if you are using a style other than Chicago Manual of Style, 16th edition so we can ensure it is retained).

Common reference uses for the Chicago Manual of Style, 16th Edition are below. If you require information on a different style, please contact your Project Coordinator.

CHICAGO MANUAL OF STYLE (16th Edition)

Authored book: Woods, D. D. and E. Hollnagel. 2012. *Joint cognitive systems*. Boca Raton: CRC Press/Taylor & Francis.

In text: (Woods and Hollnagel 2012)

Chapter in multi authored book: Wiens, J. A. 2005. Avian community ecology: An iconoclastic view. In *Perspectives in ornithology*, ed. A. H. Brush, and G. A. Clark, 355–403. Cambridge: Cambridge Univ. Press.

Note: In Reference section, when there are more than six authors, first three are listed, followed by et al. In text, first author listed followed by et al.

Journals: Terborgh, J. 2009. Preservation of natural diversity. *BioScience* 24:715-22.

Electronic journal: Testa, B., and L. B. Kier. 2013. Emergence and dissolution in the self-organisation of complex systems. *Entropy* 2, no. 1 (March): 1-25. <http://www.mdpi.org/entropy/papers/e2010001.pdf>.

Unpublished Documents:

Schwartz, G. J. 2012. Multiwavelength analyses of classical carbon-oxygen novae. PhD diss., Arizona State Univ.

O'Guinn, T. C. 2014. Touching greatness. Paper presented at the annual meeting of the American Psychological Association, New York.

Online Documents:

Adamic, L. A., and B. A. Huberman. 2006. The nature of markets in the World Wide Web. Working paper, Xerox Palo Alto Research Center. <http://www.parc.xerox.com/istl/groups/iea/www/webmarkets.html> (accessed March 12, 2014).

U.S. Census Bureau. 2013. Health insurance coverage status and type of coverage by sex, race, and Hispanic origin. Health Insurance Historical Table 1. <http://www.census.gov/hhes/hlthins/historic/hihisttl.html>.

JOURNAL TITLE ABBREVIATIONS

Please refer to the *List of Journals Indexed for MEDLINE* (http://www.nlm.nih.gov/tsd/serials/terms_cond.html) for preferred journal abbreviation.