

*Six decades of environmental resource valuation in Canada: A synthesis of the literature*

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**Appendix A Summary of environmental valuation studies in Canada**

Study	Province	Method <sup>1</sup>	Environmental asset	Data year
<b>National Studies</b>				
1. (Meng, 1989)	CAN	HPM	Human Health	1981
2. (D. P. A. Group Inc, 1985)	CAN	MKT	Air and Weather	1983
3. (Muller, 1985)	CAN	MKT	Freshwater, Drinking Water	1983
4. (Dachraoui and Harchaoui, 2004)	CAN	MKT	Freshwater	1988
5. (Jarret, 2002)	CAN	MKT	Air and Weather	1991
6. (Renzetti and Dupont, 2003)	CAN	MKT	Freshwater	1991
7. (Environment Canada, 1995)	CAN	CV	Freshwater	1994
8. (Reinsborough, 2003)	CAN	MKT	Agricultural	1995
9. (Rollins and Shaykewich, 2003), (Bay et al., 1998)	CAN	CV	Estuarine and Marine, Parks and Open Spaces, Forests	1995
10. (Bruneau et al., 2010)	CAN	MKT	Freshwater	1996
11. (Cameron et al., 2010)	CAN	CE	Human Health	2002
12. (Hu et al., 2006), (Hu et al., 2004)	CAN	CE	Agricultural, Human Health	2002
13. (Adamowicz et al., 2011b)	CAN	CV, CE	Human Health, Drinking Water	2004
14. (Rudd, 2009)	CAN	CE	Endangered Species, Fish	2006
15. (Beaumais et al., 2010)	CAN	CV	Human Health, Drinking Water	2008
16. (Chestnut et al., 2012)	CAN	CV, CE	Human Health	2008
17. (Hanna et al., 2010)	CAN	MKT	Fish, Freshwater, Forests	2008
18. (Dupont, 2011), (Dupont, 2013)	CAN	CV	Freshwater	2009
19. (Lloyd-Smith et al., 2018)	CAN	AEM	Human Health, Drinking Water	2009
20. (Dupont et al., 2014), (Price et al., 2017)	CAN	CV, CE	Human Health, Freshwater, Drinking Water	2012
21. (Martinez-Espineira et al., 2016), (Martinez-Espineira et al., 2015)	CAN	CV	Fish, Estuarine and Marine	2012
22. (Industrial Economics Incorporated, 2019)	CAN	CE	Human Health	2015
23. (Price et al., 2019)	CAN	CE	Human Health, Freshwater, Drinking Water	2016
<b>Multi-province studies</b>				
24. (Filion et al., 1990)	BC, AB, SK, MB, ON, QC, NB, NS, PEI, NL	CV	Mammals, Birds, Parks and Open Spaces	1987

<sup>1</sup> MKT = market price method; CV = contingent valuation method; CE = choice experiment; TCM = travel cost modelling; HPM = hedonic price modelling; AEM = averting expenditures method.

25. (Michaud, 1989)	ON, QC, NB, NS, PEI, CAN	TCM	Fish, Freshwater	1988
26. (Brefeefe and Morey, 2000)	QC, NB, NS	TCM	Fish, Freshwater, Estuarine and Marine	1988
27. (Filion et al., 1994)	BC, AB, SK, MB, ON, QC, NB, NS, PEI, NL	CV	Mammals, Birds, Parks and Open Spaces	1991
28. (Englin et al., 1998), (Boxall et al., 1996d)	MB, ON	TCM	Freshwater, Parks and Open Spaces, Forests	1991
29. (Macnab and Brusnyk, 1993), (Phillips et al., 1993)	AB, ON	CV	Endangered Species, Mammals, Fish, Birds, Parks and Open Spaces	1991
30. (Hauer et al., 2005)	MB, ON	TCM	Freshwater, Parks and Open Spaces	1995
31. (Cavlovic et al., 1997)	NB, NS, PEI	CV	Air and Weather	1996
32. (Purves, 1997)	NB, NS, PEI, NL	MKT, CV	Air and Weather	1996
33. (Rollins et al., 1997)	BC, AB, SK, MB, ON, QC, NB, NS, PEI, NL	CV	Drinking Water	1996
34. (Bruneau, 2007)	AB, SK	MKT	Freshwater	1996
35. (DuWors et al., 2000)	BC, AB, SK, MB, ON, QC, NB, NS, PEI, NL, YT	MKT, CV	Mammals, Fish, Freshwater, Birds, Parks and Open Spaces, Forests	1996
36. (Desvousges et al., 1997), (Johnson et al., 2000)	ON, QC	CE	Human Health, Air and Weather	1996
37. (Slaney et al., 2010), (Slaney et al., 2009)	SK, NB	MKT	Forests	2002
38. (Chang et al., 2011)	SK, NB	CV	Forests	2007
39. (Trenholm, 2018)	BC, ON, NB	CE	Freshwater, Wetlands	2011
40. (Lloyd-Smith, 2021)	BC, AB, SK, MB, ON, QC, NB, NS, PEI, NL, NT, YT	TCM	Mammals, Fish, Birds, Parks and Open Spaces	2012
41. (Koto and Yiridoe, 2019)	NB, NS, PEI	CV	Human Health, Air and Weather	2014
42. (Haefele et al., 2019)	AB, SK, MB	CV	Birds	2016

### British Columbia

43. (Pearse, 1968)	BC	MKT	Mammals	1964
44. (Laub, 1971), (Pearse and Laub, 1969)	BC	TCM	Fish	1967
45. (Eby, 1975)	BC	TCM	Parks and Open Spaces	1971
46. (Meyer, 1974)	BC	CV	Fish, Freshwater	1971
47. (Meyer, 1978a)	BC	CV	Fish, Estuarine and Marine	1973
48. (Meyer, 1978b)	BC	CV	Fish, Freshwater	1977
49. (Reid, 1984)	BC	CV	Fish, Freshwater	1981
50. (Reid, 1985)	BC	CV	Mammals, Birds	1981
51. (Renzetti, 1992)	BC	MKT	Freshwater, Drinking Water	1982

52.	(Department of Fisheries and Oceans Canada, 1985)	BC	CV	Fish, Estuarine and Marine	1983
53.	(Cameron and James, 1987), (Cameron and James, 1986)	BC	CV	Fish, Estuarine and Marine	1984
54.	(Duffus and Dearden, 1993)	BC	MKT	Mammals	1988
55.	(Kahneman and Knetsch, 1992)	BC	CV	Endangered Species, Mammals, Fish, Human Health, Freshwater, Birds, Parks and Open Spaces, Forests	1988
56.	(B.C. Ministry of Forests, Recreation Branch, 1991)	BC	CV	Mammals, Fish, Freshwater, Parks and Open Spaces	1988
57.	(Ferguson et al., 1989)	BC	CV	Agricultural, Mammals, Fish, Wetlands, Estuarine and Marine, Birds	1989
58.	(Butsic et al., 2011)	BC	HPM	Freshwater	1989
59.	(Wardley, 1993)	BC	HPM, CV	Estuarine and Marine	1990
60.	(Watson, 1994)	BC	CV	Forests	1990
61.	(Rowe et al., 1992)	BC	CV	Mammals, Fish, Estuarine and Marine, Birds	1991
62.	(Taccogna, 1993)	BC	TCM	Freshwater, Parks and Open Spaces	1992
63.	(Reid et al., 1995)	BC	CV	Parks and Open Spaces, Forests	1993
64.	(McDaniels and Roessler, 1998)	BC	CE	Forests	1993
65.	(Hauser and van Kooten, 1993)	BC	CV	Drinking Water	1993
66.	(Crane Management Consultants, 1994)	BC	CV	Mammals, Fish, Freshwater, Parks and Open Spaces	1993
67.	(Athwal, 1994), (van Kooten et al., 1998)	BC	CV	Freshwater	1993
68.	(Knowler et al., 2003)	BC	MKT	Fish, Freshwater	1994
69.	(Reid et al., 1999)	BC	CV	Mammals, Birds	1996
70.	(Sumaila et al., 2001)	BC	MKT	Mammals, Fish, Freshwater	1996
71.	(McNeill and Roberge, 2000)	BC	MKT	Air and Weather	1999
72.	(Haider et al., 2019)	BC	CE	Human Health, Air and Weather, Forests	2001
73.	(Androkovich et al., 2008)	BC	CV	Agricultural	2004
74.	(Ministry of Agriculture and Lands, 2007)	BC	TCM, HPM, CV	Agricultural, Parks and Open Spaces	2006
75.	(Androkovich, 2015)	BC	TCM, CV	Fish, Freshwater	2006
76.	(Robbins et al., 2009)	BC	CV	Agricultural, Mammals, Fish, Birds, Parks and Open Spaces	2008
77.	(Muller et al., 2001a)	BC	CE	Birds, Forests	2008
78.	(Angus, 2012)	BC	CE	Fish, Freshwater	2008
79.	(Cotteleer and van Kooten, 2012)	BC	HPM	Agricultural, Parks and Open Spaces	2008
80.	(Yip et al., 2012), (Yip et al., 2017)	BC	CE	Fish, Estuarine and Marine	2008

81. (Page, 2010), (Knowler et al., 2017)	BC	MKT	Freshwater, Forests	2008
82. (Ageson, 2011)	BC	MKT	Agricultural, Fish, Freshwater, Drinking Water	2010
83. (Robinson, 2011)	BC	CV	Freshwater, Wetlands	2010
84. (Warren, 2012)	BC	CE	Endangered Species, Mammals	2010
85. (Forbes et al., 2015)	BC	CV	Endangered Species, Estuarine and Marine	2010
86. (Maciak, 2011)	BC	CV	Drinking Water	2011
87. (Irwin, 2015)	BC	CE	Fish, Estuarine and Marine	2013
88. (Geleta, 2017)	BC	CE	Fish, Freshwater	2015
89. (Renzetti et al. (2021)	BC	CE	Freshwater	2015
<b>Alberta</b>				
90. (Miller, 1971)	AB	CV	Mammals, Fish	1968
91. (Pattison, 1970)	AB	CV	Mammals	1968
92. (Prather, 1974)	AB	TCM, CV	Mammals	1969
93. (Development Planning Branch, Water Resources Division-Alberta Department of Agriculture, 1970)	AB	CV	Freshwater	1969
94. (Wilson, 1983)	AB	CV	Mammals, Birds	1976
95. (DePape et al., 1978), (Adamowicz et al., 1986)	AB	CV	Mammals, Fish, Birds	1977
96. (English and Yanosik, 1984)	AB	TCM, CV	Fish	1979
97. (Boxall et al., 1996b)	AB	TCM, CV	Mammals	1981
98. (Adamowicz, 1983)	AB	CV	Mammals	1981
99. (Wilman and Pauls, 1987)	AB	TCM	Freshwater, Parks and Open Spaces	1984
100. (Bodden and Lee, 1986)	AB	TCM, CV	Birds	1985
101. (Alberta Forestry, Lands and Wildlife - Fish & Wildlife Division, 1985)	AB	CV	Fish	1985
102. (Wilman and Perras, 1987), (Wilman and Perras, 1989)	AB	TCM	Parks and Open Spaces	1985
103. (Boxall, 1995)	AB	TCM	Mammals	1986
104. (Thompson et al., 1987b)	AB	CV	Fish, Freshwater	1986
105. (Thompson et al., 1987a)	AB	MKT, CV	Fish, Freshwater	1986
106. (Asafu-Adjaye et al., 1989)	AB	CV	Mammals	1987
107. (Boxall et al., 1991)	AB	CV	Birds	1988
108. (Adamowicz, 1994)	AB	TCM	Fish	1990

109. (Peters et al., 1995a), (Watson et al., 1993), (Watson et al., 1994)	AB	TCM, CE	Fish, Freshwater	1990
110. (Boxall et al., 1996a), (McLeod, 1995), (Adamowicz et al., 1997a), (Adamowicz et al., 1994a), (McLeod et al., 1993)	AB	TCM, CV, CE	Mammals	1990
111. (McNaughton, 1995)	AB	MKT	Mammals, Fish, Freshwater, Wetlands, Birds	1991
112. (Adamowicz et al., 1994b), (Peters et al., 1995b)	AB	TCM, CE	Fish, Freshwater	1991
113. (McNaughton, 1994)	AB	MKT, CV	Fish, Freshwater, Birds	1992
114. (Meisner, 1997)	AB	TCM	Fish, Freshwater	1993
115. (Boxall et al., 1996c)	AB	TCM	Parks and Open Spaces, Forests	1994
116. (Haener and Adamowicz, 1998), (Hailu et al., 2000), (Adamowicz et al., 1998)	AB	CV	Endangered Species, Mammals, Forests	1994
117. (McFarlane and Boxall, 1998)	AB	TCM	Parks and Open Spaces	1995
118. (Hailu et al., 2005)	AB	TCM	Fish, Parks and Open Spaces, Forests	1996
119. (Kim et al., 2016a)	AB	CE	Freshwater	1997
120. (Adamowicz et al., 1997b)	AB	HPM	Freshwater	1997
121. (Boxall et al., 2005)	AB	HPM	Parks and Open Spaces	1997
122. (Kim et al., 2019), (Kim et al., 2016b)	AB	HPM	Freshwater	2005
123. (Adamowicz et al., 2011a), (Truong et al., 2015), (Truong et al., 2018), (Zimmer et al., 2012)	AB	TCM, CE	Mammals, Parks and Open Spaces	2007
124. (Forbes, 2011)	AB	CV	Mammals	2008
125. (Wang, 2010)	AB	CV	Freshwater	2009
126. (Wang et al., 2011)	AB	TCM, HPM	Wetlands	2010
127. (Bewer, 2012)	AB	TCM	Freshwater	2010
128. (Harper, 2012)	AB	CV, CE	Endangered Species	2011
129. (Wang, 2015)	AB	CE	Agricultural	2014
130. (Prescott, 2017)	AB	TCM, CE	Parks and Open Spaces	2014
131. (Appiah et al., 2019)	AB	CV	Freshwater, Drinking Water	2015
132. (Lloyd-Smith and Becker, 2020)	AB	TCM	Parks and Open Spaces	2015
133. (Lloyd-Smith et al., 2019)	AB	CV	Freshwater, Drinking Water	2015

134. (AminiKherzi et al., 2021)	AB	TCM	Freshwater, Parks and Open Spaces	2016
135. (Maher et al., 2020)	AB	MKT	Mammals	2017
136. (Lin, 2019)	AB	CV	Endangered Species, Freshwater	2018
137. (Luo, 2019)	AB	CE	Agricultural	2019
<b>Saskatchewan</b>				
138. (Barber and Topolniski, 1986)	SK	TCM	Fish	1982
139. (Bjonback, 1986)	SK	CV	Freshwater	1984
140. (Kulshreshtha and Gillies, 1993a)	SK	HPM	Freshwater	1986
141. (O'Grady, 1987), (Kulshreshtha, 1991)	SK	TCM, CV	Freshwater, Parks and Open Spaces	1986
142. (Kulshreshtha and Gillies, 1993b)	SK	MKT	Freshwater, Drinking Water	1987
143. (Morton et al., 1995)	SK	CV	Mammals	1989
144. (MacAuley, 1992)	SK	TCM, CV	Freshwater	1989
145. (Kulshreshtha and Gillies, 1993c)	SK	CV	Freshwater, Parks and Open Spaces	1989
146. (Kulshreshtha and Gillies, 1994)	SK	MKT, CV	Freshwater, Parks and Open Spaces	1989
147. (Kulshreshtha and Loewen, 1995a)	SK	TCM	Forests	1991
148. (Tanguay et al., 1995)	SK	CV	Mammals	1992
149. (Kulshreshtha and Loewen, 1995b)	SK	CV	Forests	1993
150. (Loewen and Kulshreshtha, 1995c)	SK	TCM	Forests	1993
151. (Boxall and Macnab, 2000)	SK	CE	Mammals, Forests	1993
152. (MacDonald, 1998)	SK	CV	Fish	1994
153. (Loewen and Kulshreshtha, 1995a)	SK	CV	Freshwater, Forests	1994
154. (Loewen and Kulshreshtha, 1995b)	SK	CV	Parks and Open Spaces	1994
155. (Shapansky et al., 2002)	SK	CE	Forests	1998
156. (Haener et al., 2001), (Adamowicz et al., 2004a), (Dosman et al., 2002)	SK	TCM, MKT, CE	Mammals, Forests	1999
157. (Dina, 2002)	SK	CV	Wetlands, Birds	2002
158. (Belcher et al., 2007)	SK	CE	Freshwater, Wetlands	2005
159. (Dias, 2011), (Dias and Belcher, 2015)	SK	CE	Freshwater, Wetlands	2010
160. (Entem et al., 2022)	SK	CV	Endangered Species, Mammals, Birds	2012
161. (Nijhum et al., 2021)	SK	CE	Wetlands, Parks and Open Spaces	2019
<b>Manitoba</b>				
162. (Capel and Pandey, 1972)	MB	TCM	Mammals	1967
163. (Spiegel and Krewski, 2002)	MB	CV	Human Health	1988
164. (Kulshreshtha, 1994)	MB	MKT	Freshwater	1990

165. (Englin et al., 1996)	MB	TCM	Freshwater, Parks and Open Spaces, Forests	1991
166. (Beeusaert, 1995)	MB	CV	Mammals	1993
167. (Boxall et al., 2003a)	MB	TCM, CE	Parks and Open Spaces	1994
168. (McComb, 2002)	MB	CV	Human Health, Drinking Water	1999
169. (Pattison et al., 2011), (Boxall et al., 2009)	MB	CV	Freshwater, Wetlands	2008
170. (Mingle, 2017)	MB	CV	Fish, Freshwater	2016
<b>Ontario</b>				
171. (Kreutzwiser, 1981)	ON	TCM	Wetlands	1978
172. (Usher, 1987)	ON	MKT, CV	Fish, Freshwater	1979
173. (Talhelm et al., 1987)	ON	TCM	Fish	1980
174. (Elliot and Mulamoottil, 1992)	ON	MKT	Mammals, Fish, Wetlands	1986
175. (van Vuuren and Roy, 1993), (van Vuuren and Roy, 1990)	ON	TCM	Mammals, Fish, Wetlands	1986
176. (Hvenegaard et al., 1989)	ON	TCM, CV	Estuarine and Marine, Birds	1987
177. (Legg, 1989)	ON	TCM	Fish	1987
178. (Adams, 1990)	ON	TCM	Fish	1987
179. (Ecologistics, 1990)	ON	TCM, CV	Freshwater	1988
180. (Gunderson and Hyatt, 2001)	ON	HPM	Human Health	1988
181. (Zegarac and Muir, 1998)	ON	HPM	Freshwater, Parks and Open Spaces	1989
182. (Brox and Kumar, 1997)	ON	TCM	Parks and Open Spaces	1990
183. (White, 1991)	ON	TCM	Parks and Open Spaces	1990
184. (Legg, 1993)	ON	CV	Fish	1990
185. (Bennet and James, 1998)	ON	MKT	Agricultural, Human Health	1992
186. (Sarker and Surry, 1998)	ON	TCM	Mammals	1992
187. (Johnson, 1995)	ON	TCM, CV	Parks and Open Spaces	1993
188. (Rollins and Wistowsky, 1997), (Boxall et al., 2003b), (Wistowsky, 1995), (Jay, 1996), (Rollins, 1997)	ON	TCM, CV	Freshwater, Parks and Open Spaces	1993
189. (Brox et al., 2003), (Brox et al., 1996)	ON	CV	Mammals, Fish, Human Health, Freshwater, Drinking Water, Birds	1994
190. (Dupont, 2003), (Dupont, 2004)	ON	CV	Fish, Freshwater	1995
191. (MacDonald et al., 1997)	ON	CV	Human Health, Forests	1997

192. (Muller and Diener, 1997), (Muller et al., 2001), (Diener, 1999)	ON	CE	Human Health, Air and Weather	1997
193. (Renzetti and Kushner, 2004)	ON	MKT	Freshwater	1998
194. (Rollins et al., 2008)	ON	CV	Air and Weather	1999
195. (Bowman and Eagles, 2002)	ON	MKT	Parks and Open Spaces	1999
196. (Krupnick et al., 2002), (Alberini et al., 2004), (Alberini et al., 2001)	ON	CV	Human Health	1999
197. (Hunt et al., 2005)	ON	HPM	Fish, Freshwater	2000
198. (Brown, 2002)	ON	CV, CE	Air and Weather	2001
199. (Tkac, 2002)	ON	CV	Endangered Species, Fish, Wetlands, Birds	2001
200. (Shantz et al., 2004)	ON	MKT, CV	Parks and Open Spaces	2003
201. (Rollins and Lyke, 1998), (Rollins and Dumitras, 2005)	ON	TCM, CV	Freshwater, Parks and Open Spaces, Forests	2003
202. (DSS Management Consultants Inc, 2009)	ON	HPM	Wetlands, Parks and Open Spaces	2004
203. (Hunt et al., 2007)	ON	TCM	Fish	2004
204. (RWDI Air Inc, 2005)	ON	MKT	Agricultural, Human Health	2005
205. (Potoglou and Kanaroglou, 2007)	ON	CE	Air and Weather	2005
206. (DSS Management Consultants Inc, 2008)	ON	TCM	Fish	2006
207. (Sverrisson et al., 2008)	ON	CV	Parks and Open Spaces, Forests	2006
208. (Vyn and McCullough, 2014)	ON	HPM	Parks and Open Spaces	2006
209. (DSS Management Consultants Inc., 2008)	ON	TCM	Fish	2006
210. (Pothier and Millward, 2013)	ON	MKT	Forests	2008
211. (Heintzelman et al., 2017)	ON	HPM	Parks and Open Spaces	2008
212. (Berghoef and Dodds, 2011)	ON	CV	Agricultural	2009
213. (Rahman et al., 2021)	ON	HPM	Freshwater	2009
214. (Lantz et al., 2013), (Lantz et al., 2010)	ON	CV	Agricultural, Freshwater, Wetlands, Birds	2009
215. (Calderon-Arrieta et al., 2019), (Clapper and Caudill, 2014)	ON	HPM	Freshwater	2010
216. (Rudd et al., 2016)	ON	CE	Endangered Species, Fish, Wetlands	2011
217. (Dodds et al., 2016)	ON	CV	Human Health	2012



218. (Hunt et al., 2020)	ON	CE	Fish, Freshwater	2016
<b>Quebec</b>				
219. (Cousineau et al., 1992)	QC	HPM	Human Health	1979
220. (Lanoie et al., 1995)	QC	HPM, CV	Human Health	1984
221. (Leger, 2001)	QC	MKT	Human Health, Air and Weather	1992
222. (Clapin-Pepin, 1997)	QC	CV	Endangered Species, Fish	1995
223. (Traore et al., 1999)	QC	AEM	Freshwater	1995
224. (Des Rosiers et al., 2002)	QC	HPM	Parks and Open Spaces	1996
225. (Martin and Marceau, 2001)	QC	AEM, CV	Freshwater	1997
226. (Bouchard et al., 2003)	QC	MKT, CV	Agricultural, Forests	1999
227. (Ho, 2008)	QC	CV	Forests	2006
228. (Olar, 2007), (Boxall et al., 2012)	QC	CE	Endangered Species, Mammals, Estuarine and Marine	2006
229. (Yapo et al., 2015)	QC	CV	Freshwater	2008
230. (Dupras et al., 2018), (Reveret et al., 2009), (He et al., 2020)	QC	CV, CE	Agricultural, Fish, Freshwater, Birds, Parks and Open Spaces, Forests	2008
231. (Poder and He, 2017)	QC	CE	Human Health, Air and Weather	2009
232. (Roy-Vigneault, 2009), (Vossler et al., 2012)	QC	CE	Agricultural, Freshwater, Forests	2009
233. (He et al., 2019), (He et al., 2016)	QC	TCM, CV	Fish, Freshwater, Parks and Open Spaces, Forests	2012
234. (Larue et al., 2014), (Larue et al., 2017)	QC	CE	Agricultural, Freshwater, Drinking Water	2012
235. (He et al., 2017)	QC	CV, CE	Endangered Species, Freshwater, Wetlands	2013
236. (Dupras et al., 2015)	QC	CV	Endangered Species, Freshwater, Parks and Open Spaces, Forests	2014
237. (Vossler et al., 2020)	QC	CV	Wetlands	2014
238. (L'Ecuyer-Sauvageau et al., 2019)	QC	CE	Human Health, Freshwater	2017
239. (Schinck et al., 2020)	QC	CV	Human Health, Freshwater, Drinking Water	2017
<b>New Brunswick</b>				
240. (Bowker and Didychuk, 1994)	NB	CV	Agricultural	1991
241. (MacGregor, 1998)	NB	TCM	Mammals	1994
242. (Draker, 1997)	NB	CV	Freshwater	1996
243. (Foster, 2002)	NB	CV	Freshwater	1999
244. (Trenholm et al., 2013)	NB	CV	Wetlands	2004
245. (Wilson et al., 2010), (Wilson et al., 2012)	NB	MKT, CV	Forests	2006
246. (Lantz et al., 2012)	NB	CV	Freshwater	2008
<b>Nova Scotia</b>				
247. (Watt, 1986)	NS	MKT	Fish	1984

248. (Stokoe et al., 1989)	NS	MKT, CV	Agricultural, Mammals, Fish, Freshwater, Wetlands, Birds	1989
249. (Neupane and Gustavson, 2008)	NS	HPM	Human Health, Parks and Open Spaces	1997
250. (MacDonald, 1999)	NS	CV	Freshwater, Drinking Water	1999
251. (Walker et al., 2004)	NS	AEM, MKT	Human Health, Parks and Open Spaces	2000
252. (Ferrara et al., 2007)	NS	HPM	Human Health, Parks and Open Spaces	2000
253. (Janmaat, 2007)	NS	AEM	Human Health, Drinking Water	2004
254. (Gardner Pinfold Consulting Economists ltd, 2011)	NS	MKT	Fish, Freshwater, Estuarine and Marine	2010
255. (Withey et al., 2019)	NS	CV	Estuarine and Marine	2016
<b>Prince Edward Island</b>				
256. (MacDonald et al., 2000)	PEI	MKT	Fish	1999
257. (Martinez-Espineira, 2007), (Martinez-Espineira, 2006)	PEI	CV	Mammals	2000
258. (Adamowicz et al., 2004b)	PEI	MKT	Agricultural, Human Health	2003
259. (Gardner Pinfold Consulting Economists ltd, 2005)	PEI	CV	Freshwater	2005
260. (Crane et al., 2009), (Cheverie et al., 2009)	PEI	MKT, CE	Agricultural, Fish, Human Health, Freshwater, Drinking Water, Estuarine and Marine, Birds, Parks and Open Spaces	2008
<b>Newfoundland and Labrador</b>				
261. (Akuba et al., 1996), (Tompson et al., 1987)	NL	TCM	Mammals	1991
262. (Adamowicz and Condon, 1997), (Condon, 1993)	NL	MKT, CV	Endangered Species, Mammals, Freshwater, Birds, Forests	1992
263. (Martinez-Espineira and Amoako-Tuffour, 2008)	NL	TCM	Parks and Open Spaces	2004
264. (Grafton et al., 2009)	NL	MKT	Fish	2005
265. (Martinez-Espineira and Lyssenko, 2012), (Martinez-Espineira and Lyssenko, 2011), (Lyssenko and Martinez-Espineira, 2012b), (Lyssenko and Martinez-Espineira, 2012a)	NL	CV	Endangered Species, Mammals, Estuarine and Marine	2005
266. (Martinez-Espineira et al., 2014)	NL	CV	Mammals, Human Health	2010
267. (Xuan et al., 2021)	NL	CE	Estuarine and Marine	2019
<b>Northwest Territories</b>				
268. (Ames and Committee, 1989)	NT	MKT	Mammals	1988
269. (Ashley, 2000)	NT	MKT	Mammals	1999
<b>Yukon (no territory specific studies)</b>				
<b>Nunavut (no territory specific studies)</b>				

## Full Citations for Database Studies

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## **Appendix B**

*(in figures document)*

**Figure B1** Annual number of active environmental valuation practitioners in Canada between 1964 and 2019. An active practitioner is defined as an author who has conducted at least 2 studies during this time period and their years of activity are defined as the years between their first and last study.