

1 **Full Database and AI Searches**

2 **PubMed 31/10/25**

3 ("Communicable Diseases"[Mesh] OR "Disease Transmission, Infectious"[Mesh] OR  
4 infectious disease\*[tiab] OR communicable disease\*[tiab] OR transmissible disease\*[tiab]  
5 OR contagious disease\*[tiab] OR infection\*[tiab] OR pathogen\*[tiab] OR zoonos\*[tiab] OR  
6 vector-borne[tiab] OR respiratory disease\*[tiab] OR foodborne disease\*[tiab] OR water-  
7 borne disease\*[tiab] OR food-borne disease\*[tiab] OR soil transmitted disease\*[tiab] OR  
8 person to person transmission[tiab])

9 AND

10 ("Climate Change"[Mesh] OR "Global Warming"[Mesh] OR climate change\*[tiab] OR  
11 global warming[tiab] OR climate crisis[tiab] OR climate emergency\*[tiab] OR climate  
12 variability[tiab] OR environmental change\*[tiab] OR extreme weather[tiab] OR  
13 temperature\*[tiab] OR temperature variability[tiab] OR precipitation OR rainfall OR  
14 "humidity"[MeSH Terms] OR humidity[tiab] OR "droughts"[MeSH Terms] OR  
15 drought\*[tiab] OR global heating[tiab] OR heat exposure[tiab] OR heatwave\*[tiab] OR  
16 climate projection\*[tiab])

17 AND

18 (Australia[tiab] OR "Australia"[Mesh] OR Australia\*[tiab] OR Australas\*[tiab] OR "New  
19 South Wales"[tiab] OR "Victoria"[tiab] OR "Queensland"[tiab] OR "South Australia"[tiab]  
20 OR "Western Australia"[tiab] OR "Tasmania"[tiab] OR "Northern Territory"[tiab] OR  
21 "Northern Australia"[tiab] OR "Australian Capital Territory"[tiab] OR "tropical Australia"  
22 [tiab] OR "remote Australia"[tiab])

23 **971 Results**

24 **Exported to EN 31/10/2025**

25 **Embase search 2 31/10/25**

26 ('communicable disease'/exp OR 'disease transmission, infectious'/exp OR 'infectious  
27 disease\*':ti,ab OR 'communicable disease\*':ti,ab OR 'transmissible disease\*':ti,ab  
28 OR 'contagious disease\*':ti,ab OR 'infection\*':ti,ab OR 'pathogen\*':ti,ab OR 'zoonos\*':ti,ab  
29 OR 'vector-borne':ti,ab OR 'respiratory disease\*':ti,ab OR 'foodborne disease\*':ti,ab  
30 OR 'water-borne disease\*':ti,ab OR 'food-borne disease\*':ti,ab OR 'soil transmitted  
31 disease\*':ti,ab OR 'person to person transmission':ti,ab) AND ('climate change'/exp  
32 OR 'global warming'/exp OR 'climate change\*':ti,ab OR 'global warming':ti,ab OR 'climate  
33 crisis':ti,ab OR 'climate emergency\*':ti,ab OR 'climate variability':ti,ab OR 'environmental  
34 change\*':ti,ab OR 'extreme weather':ti,ab OR 'temperature\*':ti,ab OR 'temperature  
35 variability':ti,ab OR 'precipitation':ti,ab OR 'rainfall':ti,ab OR 'humidity'/exp  
36 OR 'humidity':ti,ab OR 'drought'/exp OR 'drought\*':ti,ab OR 'global heating':ti,ab OR 'heat  
37 exposure':ti,ab OR 'heatwave\*':ti,ab OR 'climate projection\*':ti,ab) AND ('australia'/exp  
38 OR 'australia\*':ti,ab OR 'australas\*':ti,ab OR 'new south wales':ti,ab OR 'victoria':ti,ab  
39 OR 'queensland':ti,ab OR 'south australia':ti,ab OR 'western australia':ti,ab OR 'tasmania':ti,ab  
40 OR 'northern territory':ti,ab OR 'northern australia':ti,ab OR 'australian capital territory':ti,ab  
41 OR 'tropical australia':ti,ab OR 'remote australia':ti,ab)

42 **1261 Results (1995-2025)**

43 **Exported to EN 31/10/2025**

44 **CINAHL - 31/10/2025**

45 ((MH "Communicable Diseases+") OR (MH "Disease Transmission,  
46 Infectious+) OR (TI "infectious disease\*" OR AB "infectious  
47 disease\*") OR (TI "communicable disease\*" OR AB "communicable  
48 disease\*") OR (TI "transmissible disease\*" OR AB "transmissible  
49 disease\*") OR (TI "contagious disease\*" OR AB "contagious  
50 disease\*") OR (TI infection\* OR AB infection\*) OR (TI pathogen\* OR AB pathogen\*) OR (   
51 TI zoonos\* OR AB zoonos\*) OR (TI vector-borne OR AB vector-borne) OR (TI "respiratory  
52 disease\*" OR AB "respiratory disease\*") OR (TI "foodborne disease\*" OR AB "foodborne  
53 disease\*") OR (TI "water-borne disease\*" OR AB "water-borne disease\*") OR (TI "food-  
54 borne disease\*" OR AB "food-borne disease\*") OR (TI "soil transmitted  
55 disease\*" OR AB "soil transmitted disease\*") OR (TI "person to person  
56 transmission" OR AB "person to person transmission"))

57 AND  
58 ((MH "Climate Change+") OR (MH "Global Warming+") OR (TI "climate  
59 change\*" OR AB "climate change\*") OR (TI "global warming" OR AB "global  
60 warming") OR (TI "climate crisis" OR AB "climate crisis") OR (TI "climate  
61 emergency\*" OR AB "climate emergency\*") OR (TI "climate variability" OR AB "climate  
62 variability") OR (TI "environmental change\*" OR AB "environmental  
63 change\*") OR (TI "extreme weather" OR AB "extreme  
64 weather") OR (TI temperature\* OR AB temperature\*) OR (TI "temperature  
65 variability" OR AB "temperature variability") OR Precipitation OR rainfall  
66 OR (MH humidity+) OR (TI humidity OR AB humidity) OR (MH droughts+) OR (TI drough  
67 t\* OR AB drought\*) OR (TI "global heating" OR AB "global heating") OR (TI "heat  
68 exposure" OR AB "heat exposure") OR (TI heatwave\* OR AB heatwave\*) OR (TI "climate  
69 projection\*" OR AB "climate projection\*))

70 AND

71 ((TI Australia OR AB Australia) OR (MH Australia+) OR (TI Australia\* OR AB Australia\*)  
72 OR (TI Australas\* OR AB Australas\*) OR (TI "New South Wales" OR AB "New South  
73 Wales") OR (TI Victoria OR AB Victoria) OR (TI Queensland OR AB Queensland) OR (TI  
74 "South Australia" OR AB "South Australia") OR (TI "Western Australia" OR AB "Western  
75 Australia") OR (TI Tasmania OR AB Tasmania) OR (TI "Northern  
76 Territory" OR AB "Northern Territory") OR (TI "Northern Australia" OR AB "Northern  
77 Australia") OR (TI "Australian Capital Territory" OR AB "Australian Capital  
78 Territory") OR (TI "tropical Australia" OR AB "tropical Australia") OR (TI "remote  
79 Australia" OR AB "remote Australia"))

80

81 **126 Results**

82 **Exported to EN 31/10/2025**

83 **Scopus search 2 31/10/25**

84 (INDEXTERMS("Communicable Diseases") OR INDEXTERMS("Disease Transmission,  
85 Infectious") OR TITLE-ABS-KEY("infectious disease\*" OR "communicable disease\*" OR  
86 "transmissible disease\*" OR "contagious disease\*" OR "infection\*" OR "pathogen\*" OR  
87 "zoonos\*" OR "vector-borne" OR "respiratory disease\*" OR "foodborne disease\*" OR

88 "water-borne disease\*" OR "food-borne disease\*" OR "soil transmitted disease\*" OR "person  
89 to person transmission"))

90 AND

91 ( INDEXTERMS("Climate Change") OR INDEXTERMS("Global Warming") OR TITLE-  
92 ABS-KEY("climate change\*" OR "global warming" OR "climate crisis" OR "climate  
93 emergency\*" OR "climate variability" OR "environmental change\*" OR "extreme weather"  
94 OR "temperature\*" OR "temperature variability" OR "precipitation" OR "rainfall" OR  
95 "humidity" OR "drought\*" OR "global heating" OR "heat exposure" OR "heatwave\*" OR  
96 "climate projection\*"))

97 AND

98 (INDEXTERMS("Australia") OR TITLE-ABS-KEY("Australia" OR "Australia\*" OR  
99 "Australas\*" OR "New South Wales" OR "Victoria" OR "Queensland" OR "South Australia"  
100 OR "Western Australia" OR "Tasmania" OR "Northern Territory" OR "Northern  
101 Australia" OR "Australian Capital Territory" OR "tropical Australia" OR "remote  
102 Australia"))

103 Article (final), 1995-2025, English

104 **1699 Results export led to 1613 extracted articles**

105 **Exported to EN 31/10/2025**

106 **Informit Search 30/10/25**

107 ("infectious disease\*" OR "communicable disease\*" OR "transmissible disease\*" OR  
108 "contagious disease\*" OR infection\* OR pathogen\* OR zoonos\* OR "vector-borne")

109 AND

110 ("climate change\*" OR "global warming" OR "climate crisis" OR "climate emergency\*" OR  
111 "climate variability" OR "environmental change\*" OR "extreme weather" OR temperature\*  
112 OR precipitation OR rainfall OR humidity OR drought\* OR "global heating")

113 AND

114 ("Australia" OR Australia\* OR Australas\* OR "New South Wales" OR "Victoria" OR  
115 "Queensland" OR "South Australia" OR "Western Australia" OR "Tasmania" OR "Northern  
116 Territory" OR "Australian Capital Territory")

117 Search parameters: English, Full text, Health Collection, Australian, 1995-2025

118 **622 Results**

119 **Exported to EN 30/10/2025**

120 **WOS Search 31/10/25**

121 ((ALL=(Climate Change)) ALL=(Infectious Disease\*)) AND ALL=(Australia)

122 1995-2025

123 **727 Results**

124 **Exported to EN 31/10/2025**

125 **Google Scholar (first 10 pages) 31/10/2025**

126 infectious diseases AND Climate Change AND Australia

127 **(About 17,900 results > 101 Extracted)**

128 **Exported to EN 31/10/2025**

129 **AI Article Search (Conducted 14/10/2025)**

130 **Prompt:** I'm an academic researcher working in the field of climate change and infectious  
131 disease. I'm conducting a systematic review on the effects of climate change on infectious  
132 diseases in Australia. Please provide me with a list of the 20 academic papers most relevant  
133 to the question 'What are the effects of climate change on infectious diseases in Australia?'  
134 Please provide me with REAL PAPERS only, and provide links to where I can access the  
135 papers

136 **Perplexity/CoPilot GPT5/SciSpace/Elicit**

137 **60 Results**

138 **Exported to EN 31/10/2025**