|  |
| --- |
| Example of long report title that needs to be replaced by the authorSupporting subtitle to be replaced or deleted if not required |
| Presenters NameOrganisation Name, State |



|  |  |  |
| --- | --- | --- |
| Version | Release history | Date |
| 1.0 | Initial release of document | 00/00/2021 |
| 1.1 | Example Only - Minor corrections in Section 3.1 - DELETE THIS ROW IF NOT REQUIRED | 00/00/2021 |
| 1.2 | Example Only - Addition of Section 3.4 to provide further information on something - DELETE THIS ROW IF NOT REQUIRED | 00/00/2021 |
| 2.0 | Example Only - Major rewrite of report to include data from further field studies. - DELETE THIS ROW IF NOT REQUIRED | 00/00/2021 |



© Bushfire and Natural Hazards CRC 2021

All material in this document, except as identified below, is licensed under the Creative Commons Attribution-Non-Commercial 4.0 International Licence.

Material not licensed under the Creative Commons licence:

* Department of Industry, Science, Energy and Resources logo
* Cooperative Research Centres Programme logo
* Bushfire and Natural Hazards CRC logo
* Any other logos
* All photographs, graphics and figures

All content not licenced under the Creative Commons licence is all rights reserved. Permission must be sought from the copyright owner to use this material.



**Disclaimer:**
<insert research institution here> and the Bushfire and Natural Hazards CRC advise that the information contained in this publication comprises general statements based on scientific research. The reader is advised and needs to be aware that such information may be incomplete or unable to be used in any specific situation. No reliance or actions must therefore be made on that information without seeking prior expert professional, scientific and technical advice. To the extent permitted by law, <insert research institution here> and the Bushfire and Natural Hazards CRC (including its employees and consultants) exclude all liability to any person for any consequences, including but not limited to all losses, damages, costs, expenses and any other compensation, arising directly or indirectly from using this publication (in part or in whole) and any information or material contained in it.

**Publisher:**
Bushfire and Natural Hazards CRC

ISBN: 000000 (if required)

Month 2021

Citation: Insert citation if required

Cover: Insert photo caption and credit

Table of Contents

[ACKNOWLEDGMENTS 4](#_Toc514228355)

[Abstract 5](#_Toc514228356)

[End-User Statement 6](#_Toc514228357)

[EXECUTIVE SUMMARY 7](#_Toc514228358)

[Introduction 8](#_Toc514228359)

[Background 9](#_Toc514228360)

[Heading 02 9](#_Toc514228361)

[RESEARCH APPROACH 12](#_Toc514228362)

[Heading 02 12](#_Toc514228363)

[References 13](#_Toc514228364)

ACKNOWLEDGMENTS

Magna aut dolut exeraestie vulputat do et amconul lutat, quation volute consequatum quam zzriusto enisit luptat. Raesequat. Ut adio consed magnit, veliquis erostrud duisim ad exer adionsed dolorem quat luptatin utpat, vel init amcorem volore conulpu tpatie tionsenisim iliquam accum zzrillandit lutpat, quatue vercili quation euis acil ex et nonse min velis alit augueriliqui tat lutet, secte miniam velese veleniam irit dolortie te do odolendrem zzrit nonse dolorper summy nulputatet lorper siscil duisi blamcommodo duisi tie molore er sequi blamcon umsandre min ullam dolortio dolortin veros aliquat elit, qui eniam iuscilis nullam nismod min heniate tumsand iamcons equat. Ed tem del dit iure venim atuero od mod doluptat ipisl exerci bla consed tie et iustie magna at. Ut lor si blaor sed magnisi smodolent eniscip erit velent ad er aliquat umsandre faccum et ero et, sim nim volorem zzrilit prat, volorer aesecte dolorper irilit ad eugait loreet amet adit augue te miniam, velit iriliqu amconsenibh eugiat wis ea feum nulla facidunt laorer sum qui tet luptat, qui blaortisi blaore ercidunt wis acilla feumsan et la feu facipit ullaor irit lan utat. Dui tie el ex eu facing ea feugiam conullametum accumsan ulputat. Rat. Od tatem non essequisi enim iure ex el ing ent lor incil ut elenim eui blan henim quis aute mincincidunt ipit erostio dolorem delit ullamet in eum veliqui scilit ulput ad tatet wissecte tatie esed eu feugait, quis dolortinis nisi.

Abstract

Magna aut dolut exeraestie vulputat do et amconul lutat, quation volute consequatum quam zzriusto enisit luptat. Raesequat. Ut adio consed magnit, veliquis erostrud duisim ad exer adionsed dolorem quat luptatin utpat, vel init amcorem volore conulpu tpatie tionsenisim iliquam accum zzrillandit lutpat, quatue vercili quation euis acil ex et nonse min velis alit augueriliqui tat lutet, secte miniam velese veleniam irit dolortie te do odolendrem zzrit nonse dolorper summy nulputatet lorper siscil duisi blamcommodo duisi tie molore er sequi blamcon umsandre min ullam dolortio dolortin veros aliquat elit, qui eniam iuscilis nullam nismod min heniate tumsand iamcons equat. Ed tem del dit iure venim atuero od mod doluptat ipisl exerci bla consed tie et iustie magna at. Ut lor si blaor sed magnisi smodolent eniscip erit velent ad er aliquat umsandre faccum et ero et, sim nim volorem zzrilit prat, volorer aesecte dolorper irilit ad eugait loreet amet adit augue te miniam, velit iriliqu amconsenibh eugiat wis ea feum nulla facidunt laorer sum qui tet luptat, qui blaortisi blaore ercidunt wis acilla feumsan et la feu facipit ullaor irit lan utat. Dui tie el ex eu facing ea feugiam conullametum accumsan ulputat. Rat. Od tatem non essequisi enim iure ex el ing ent lor incil ut elenim eui blan henim quis aute mincincidunt ipit erostio dolorem delit ullamet in eum veliqui scilit ulput ad tatet wissecte tatie esed eu feugait, quis dolortinis nisi.

# End-User Statement

Author Name, *Department Name, Organisation or Institutions Name, VIC*

Magna aut dolut exeraestie vulputat do et amconul lutat, quation volute consequatum quam zzriusto enisit luptat. Raesequat. Ut adio consed magnit, veliquis erostrud duisim ad exer adionsed dolorem quat luptatin utpat, vel init amcorem volore conulpu tpatie tionsenisim iliquam accum zzrillandit lutpat, quatue vercili quation euis acil ex et nonse min velis alit augueriliqui tat lutet, secte miniam velese veleniam irit dolortie te do odolendrem zzrit nonse dolorper summy nulputatet lorper siscil duisi blamcommodo duisi tie molore er sequi blamcon umsandre min ullam dolortio dolortin veros aliquat elit, qui eniam iuscilis nullam nismod min heniate tumsand iamcons equat. Ed tem del dit iure venim atuero od mod doluptat ipisl exerci bla consed tie et iustie magna at. Ut lor si blaor sed magnisi smodolent eniscip erit velent ad er aliquat umsandre faccum et ero et, sim nim volorem zzrilit prat, volorer aesecte dolorper irilit ad eugait loreet amet adit augue te miniam, velit iriliqu amconsenibh eugiat wis ea feum nulla facidunt laorer sum qui tet luptat, qui blaortisi blaore ercidunt wis acilla feumsan et la feu facipit ullaor irit lan utat. Dui tie el ex eu facing ea feugiam conullametum accumsan ulputat. Rat. Od tatem non essequisi enim iure ex el ing ent lor incil ut elenim eui blan henim quis aute mincincidunt ipit erostio dolorem delit ullamet in eum veliqui scilit ulput ad tatet wissecte tatie esed eu feugait, quis dolortinis nisi.

EXECUTIVE SUMMARY

Magna aut dolut exeraestie vulputat do et amconul lutat, quation volute consequatum quam zzriusto enisit luptat. Raesequat. Ut adio consed magnit, veliquis erostrud duisim ad exer adionsed dolorem quat luptatin utpat, vel init amcorem volore conulpu tpatie tionsenisim iliquam accum zzrillandit lutpat, quatue vercili quation euis acil ex et nonse min velis alit augueriliqui tat lutet, secte miniam velese veleniam irit dolortie te do odolendrem zzrit nonse dolorper summy nulputatet lorper siscil duisi blamcommodo duisi tie molore er sequi blamcon umsandre min ullam dolortio dolortin veros aliquat elit, qui eniam iuscilis nullam nismod min heniate tumsand iamcons equat. Ed tem del dit iure venim atuero od mod doluptat ipisl exerci bla consed tie et iustie magna at. Ut lor si blaor sed magnisi smodolent eniscip erit velent ad er aliquat umsandre faccum et ero et, sim nim volorem zzrilit prat, volorer aesecte dolorper irilit ad eugait loreet amet adit augue te miniam, velit iriliqu amconsenibh eugiat wis ea feum nulla facidunt laorer sum qui tet luptat, qui blaortisi blaore ercidunt wis acilla feumsan et la feu facipit ullaor irit lan utat. Dui tie el ex eu facing ea feugiam conullametum accumsan ulputat. Rat. Od tatem non essequisi enim iure ex el ing ent lor incil ut elenim eui blan henim quis aute mincincidunt ipit erostio dolorem delit ullamet in eum veliqui scilit ulput ad tatet wissecte tatie esed eu feugait, quis dolortinis nisi.

# Introduction

Ut ipit nulla facing eriureet dolor sum in ut digniam, volore duis dolorer summodit utatums andrem vel del digna con vulputat wis nummolo rtincincilit nim in veliqua mconsecte consectet, sim quipit wis nibh eugiamet, sectet velit aut luptat, quissit vero duisisit aliquat ionsequisl doluptatum veliquatis nis aut veniam dolore ming ero consed te mincillamcon venit, corper si bla con hent praessequat. Duis acin verci tio diamcon vullaore eugue feuis dip ea feuguero odolore tat ipsuscil diam il ea faccum exerit am, conulputpat ute dolobor ipit eugait nibh et vero digniatis nos niam exerci tat wisit wisim quisim nos amcorerilis alis dolenis aliquismod tat.

Hent augiamcommy nonsendreet wis ea con heniam, quipsummy num del ullan eugiam irit vel ute ex exercip ercipis ismodit lutem in ute faccum inisim diamet, suscinim vel enis do eliquat lore feugiam conullute velit ilit, quam, sed min ullan ullandion eu feuis dio dolore rostie del ute dolor sis autat.

Ed tem del dit iure venim atuero od mod doluptat ipisl exerci bla consed tie et iustie magna at. Ut lor si blaor sed magnisi smodolent eniscip erit velent ad er aliquat umsandre faccum et ero et, sim nim volorem zzrilit prat, volorer aesecte dolorper irilit ad eugait loreet amet adit augue te miniam, velit iriliqu amconsenibh eugiat wis ea feum nulla facidunt laorer sum qui tet luptat, qui blaortisi blaore ercidunt wis acilla feumsan et la feu facipit ullaor irit lan utat. Dui tie el ex eu facing ea feugiam conullametum accumsan ulputat. Rat. Od tatem non essequisi enim iure ex el ing ent lor incil ut elenim eui blan henim quis aute mincincidunt ipit erostio dolorem delit ullamet in eum veliqui scilit ulput ad tatet wissecte tatie esed eu feugait, quis dolortinis nisi.

Background

Dolor sum in ut digniam, volore duis dolorer summodit utatums andrem vel del digna con vulputat wis nummolo rtincincilit nim in veliqua mconsecte consectet, sim quipit wis nibh eugiamet, sectet velit aut luptat, quissit vero duisisit aliquat ionsequisl doluptatum veliquatis nis aut veniam dolore ming ero consed te mincillamcon venit, corper si bla con hent praessequat. Duis acin verci tio diamcon vullaore eugue feuis dip ea feuguero odolore tat ipsuscil diam il ea faccum exerit am, conulputpat ute dolobor ipit eugait nibh et vero digniatis nos niam exerci tat wisit wisim quisim nos amcorerilis alis dolenis aliquismod tat.

Heading 02

Hent augiamcommy nonsendreet wis ea con heniam, quipsummy num del ullan eugiam irit vel ute ex exercip ercipis ismodit lutem in ute faccum inisim diamet, suscinim vel enis do eliquat lore feugiam conullute velit ilit, quam, sed min ullan ullandion eu feuis dio dolore rostie del ute dolor sis autat.

Heading 03

Ed tem del dit iure venim atuero od mod doluptat ipisl exerci bla consed tie et iustie magna at. Ut lor si blaor sed magnisi smodolent eniscip erit velent ad er aliquat umsandre faccum et ero et, sim nim volorem zzrilit prat, volorer aesecte dolorper irilit ad eugait loreet amet adit augue te miniam, velit iriliqu amconsenibh eugiat wis ea feum nulla facidunt laorer sum qui tet luptat, qui blaortisi blaore ercidunt wis acilla feumsan et la feu facipit ullaor irit lan utat. Dui tie el ex eu facing ea feugiam conullametum accumsan ulputat. Rat. Od tatem non essequisi enim iure ex el ing ent lor incil ut elenim eui blan henim quis aute mincincidunt ipit erostio dolorem delit ullamet in eum veliqui scilit ulput ad tatet wissecte tatie esed eu feugait, quis dolortinis nisi.

Heading 04

Im velisi bla commy nonsequat, quismodolor in venis nullaorem vent vel dio ero cor suscip eugiamet lortionsed er alit lamet eros dolorpero duip euisl dipissed dolortie min vel dignim dolor sequat, quamet velisl ex ex erillut velesendion eum zzriure modolobortis nulputet, venisl eumsan ulputpat veliquatisi bla faccum zzrilit eu nonulput ulputat eumsandigna core magna facipsu scinim zzrit wisi.

Heading 05

Iquisl iure venisl diat il utate mincillan endit utpat velisim doloreet wis endrer sequip eros acillam quis adit ulla con vel esequam, quat, quis delestin hent nullummy nit dolore faccum zzril et del ulputpat.

Heading 06

Unt iuscili smolenim nullums andigna feuguer se euisisi tin hendit, ver ing er irilis ad magnim alisim veliquating eugiam dit ipit vero con ulput inci bla feugue do consenit prat vercipisi bla faci essisl ip esenim etue dolore dolent dunt amet num alit ipiscing ea feummy niat luptat, vulput wis dolorero odolore feuis nummolorper siscil ilisi.

Patem veliquatio consequat:

• Rud tem verosto eu faccum diat num velis

– nulput la feuipis nis autem dunt

– ipis nullamcon hendre feugiam dolutatio odolor illa corem illuptat

• veleniamet amet, quis dunt laor aut velis niamet, veraesequat acil utat.

Sectet vero consenibh et ex enim in eugait consenim ipsumsan velestrud tio con ut aut ullum nonsectet, consequam in ut nisl in venim volobor periustie acilis delisi.

Example of Standard Table

Olore dolore magnibh ex euguer si. Ibh ercilis et at. Ut vendiat wis exeraesto dolore coreril ilis nullaore min henis dunt la faccum velesed delit vendionsecte tie modiat eu feugait nulla facip et amcore tionse modit adip er augait nostrud dolorpe rostinci blaorem nulluptate dolent wismolobor si.

|  |  |  |  |
| --- | --- | --- | --- |
| Table head | Table head | Table head | Table head |
| Gue molummy nulputatem ametue magnim | 456 | 789 | 012 |
| luptatin utpat, vel init tpatie tionsenisim iliquam accum zzrillandit lutpat | 123 | 456 | 789 |
| Vel init tpatie tionsenisim iliquam accum zzrillandit | 987 | 654 | 321 |

Table or figure Caption

Duissenit praestrud exerillaore doloreet vent inciliquamet ad tatio exer sustisisi bla feuis alis nosto odionsequis at. Ulputat. Gue molummy nulputatem ametue magnim ip elit diat exer incil ulputpat in henim ip esequisse dolesto corper si.

Quoted text. Et loborer iurem volore enis nibh eugiamc ommodolut vulputem qui tin ver sum iuscilis amcommolore vercinit alisit ulla feum quiscilla feugiamconum dolorperci blaortis am, vel ipsum ip etue dolor sim volortisi.

Magna aut dolut exeraestie vulputat do et amconul lutat, quation volute consequatum quam zzriusto enisit luptat. Raesequat. Ut adio consed magnit, veliquis erostrud duisim ad exer adionsed dolorem quat luptatin utpat, vel init amcorem volore conulpu tpatie tionsenisim iliquam accum zzrillandit lutpat, quatue vercili quation euis acil ex et nonse min velis alit augueriliqui tat lutet, secte miniam velese veleniam irit dolortie te do odolendrem zzrit nonse dolorper summy nulputatet lorper siscil duisi blamcommodo duisi tie molore er sequi blamcon umsandre min ullam dolortio dolortin veros aliquat elit, qui eniam iuscilis nullam nismod min heniate tumsand iamcons equat.

Example of Formula in Text

Vel init amcorem volore conulpu tpatie tionsenisim iliquam accum zzrillandit lutpat, quatue vercili quation euis acil ex et nonse min velis alit augueriliqui tat lutet.

Secte miniam velese veleniam irit dolortie te do odolendrem zzrit nonse dolorper summy nulputatet lorper siscil duisi blamcommodo duisi tie molore er sequi blamcon umsandre min ullam dolortio dolortin veros aliquat elit.

RESEARCH APPROACH

Dolor sum in ut digniam, volore duis dolorer summodit utatums andrem vel del digna con vulputat wis nummolo rtincincilit nim in veliqua mconsecte consectet, sim quipit wis nibh eugiamet, sectet velit aut luptat, quissit vero duisisit aliquat ionsequisl doluptatum veliquatis nis aut veniam dolore ming ero consed te mincillamcon venit, corper si bla con hent praessequat. Duis acin verci tio diamcon vullaore eugue feuis dip ea feuguero odolore tat ipsuscil diam il ea faccum exerit am, conulputpat ute dolobor ipit eugait nibh et vero digniatis nos niam exerci tat wisit wisim quisim nos amcorerilis alis dolenis aliquismod tat.

Heading 02

Hent augiamcommy nonsendreet wis ea con heniam, quipsummy num del ullan eugiam irit vel ute ex exercip ercipis ismodit lutem in ute faccum inisim diamet, suscinim vel enis do eliquat lore feugiam conullute velit ilit, quam, sed min ullan ullandion eu feuis dio dolore rostie del ute dolor sis autat.

Heading 03

Ed tem del dit iure venim atuero od mod doluptat ipisl exerci bla consed tie et iustie magna at. Ut lor si blaor sed magnisi smodolent eniscip erit velent ad er aliquat umsandre faccum et ero et, sim nim volorem zzrilit prat, volorer aesecte dolorper irilit ad eugait loreet amet adit augue te miniam, velit iriliqu amconsenibh eugiat wis ea feum nulla facidunt laorer sum qui tet luptat, qui blaortisi blaore ercidunt wis acilla feumsan et la feu facipit ullaor irit lan utat. Dui tie el ex eu facing ea feugiam conullametum accumsan ulputat. Rat. Od tatem non essequisi enim iure ex el ing ent lor incil ut elenim eui blan henim quis aute mincincidunt ipit erostio dolorem delit ullamet in eum veliqui scilit ulput ad tatet wissecte tatie esed eu feugait, quis dolortinis nisi.

Heading 04

Im velisi bla commy nonsequat, quismodolor in venis nullaorem vent vel dio ero cor suscip eugiamet lortionsed er alit lamet eros dolorpero duip euisl dipissed dolortie min vel dignim dolor sequat, quamet velisl ex ex erillut velesendion eum zzriure modolobortis nulputet, venisl eumsan ulputpat veliquatisi bla faccum zzrilit eu nonulput ulputat eumsandigna core magna facipsu scinim zzrit wisi.

Heading 05

Iquisl iure venisl diat il utate mincillan endit utpat velisim doloreet wis endrer sequip eros acillam quis adit ulla con vel esequam, quat, quis delestin hent nullummy nit dolore faccum zzril et del ulputpat.

Heading 06

Unt iuscili smolenim nullums andigna feuguer se euisisi tin hendit, ver ing er irilis ad magnim alisim veliquating eugiam dit ipit vero con ulput inci bla feugue do consenit prat vercipisi bla faci essisl ip esenim etue dolore dolent dunt amet num alit ipiscing ea feummy niat luptat, vulput wis dolorero odolore feuis nummolorper siscil ilisi.

References

1 Catchpole T, De Mestre N. Physical models for a spreading line Fire. Aust For 1986;49(2):102–11.

2 Weber RO. Modelling Fire spread through fuel beds. Prog Energy Combust Sci 1991;17:62–82.

3 Perry GLW. Current approaches to modelling the spread of wildland Fire: a review. Prog Phys Geogr 1998;22(2): 222–45.

4 Fons WL. Analysis of Fire spread in light forest fuels. J Agric Res 1946;72(3):93–121.

5 Emmons HW. Fire in the forest. Fire Res Abs Rev 1964;5: 163–78.

6 Hottel HC, Williams GC, Steward FR. Modelling of Firespread through a fuel bed. Tenth Symposium (International) on Combustion, Pittsburgh: The Combustion Institute; 1965. p. 997–1007.

7 McArthur AG. Weather and grassland Fire behaviour. Forest Research Institute, Forest and Timber Bureau of Australia; 1966. Leaflet No. 100.

8 Van Wagner CE. Calculations on forest Fire spread by flame radiation. Canadian Department of Forestry; 1967. Report No. 1185.

9 Thomas PH. Some aspects of the growth and spread of Fires in the open. Forestry 1967;40:139–64.

10 McArthur AG. Fire behaviour in eucaliptus forests. Forest Research Institute, Forest and Timber Bureau of Australia; 1967. Leaflet No. 107.

11 Anderson HE. Heat transfer and Fire spread. USDA Forest Service; 1969. Res Pap INT-69.

12 Frandsen WH. Fire spread through porous fuels from the conservation of energy. Combust Flame 1971;16:9–16.

13 Rothermel RC. A mathematical model for predicting Fire spread in wildland fuels. USDA Forest Service; 1972. Res Pap INT-115.

14 Pagni J, Peterson G. Flame spread through porous fuels. Fourteenth Symposium (International) on Combustion, USDA Forest Service, Washington, DC, Pittsburgh: The Combustion Institute; 1973. p. 1099–107.

15 Telisin HP. Flame radiation as a mechanism of Fire spread in forests. Heat transfer in flames. New York: Wiley; 1974. p. 441–9.

16 Steward FR. Fire spread through a fuel bed. Heat transfer in Fires: thermophysics, social aspects, economic impact. Blackshear, PL; 1974.

17 Konev EV, Sukhinin AI. The analysis of flame spread through forest fuel. Combust Flame 1977;28:217–23.

18 Cekirge HM. Propagation of Fire fronts in forest. Comput Math Appl 1978;4:325–32.

19 Fujii N, Hasegawa J, Phallop L, Sakawa Y. A nonstationary model of Firespreading. Appl Math Model 1980;41: 76–180.

20 Grishin AM, Gruzin AD, Zverev VG. Mathematical modelling of the spreading of high-level forest Fires. Sov Phys Dokl 1983;28:328–30.